



 Jewelry Equipment & Tools

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ALFA MIRAGE COLLECTION VOL.10

AMC 

ALFA MIRAGE
COLLECTION
vol.10



 ALFAMIRAGE Co., Ltd.

CREATE PRODUCTS FOR BETTER PRODUCTS

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GEMOLOGICAL

Gold tester | Diamond tester / Gem tester
Gemological instrument | Lighting | Microscope
Loupe / Magnifier / Tweezers / Others



GOLD/PLATINUM TESTER GK <Precious Metal Tester GK Series>

GK series are the GOLD TESTER with our developed software which evaluates purity of Precious Metals.

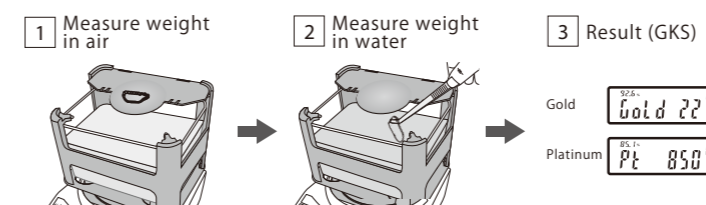
Features

- GK Series can check purity to confirm if marked stamp on gold (platinum) is correct or not. GK Series are very useful to check most common type of fake gold: lower purity than marked stamp on gold (platinum).
- Gold (platinum) which outside covered real gold (platinum), and inside with other metal can be detected.
- None-gold (platinum) metals can be distinguished.
- Can be measured scrap gold at a time and show average purity.
- Also function as a normal gram scale and Densimeter.
- Display Gold K9-K24 & % (GK-300: 99%, GKS Series: 99.9%).
Display Platinum 600-1000 & % (GKS Series).

Precious metals which are NOT able to be tested with GK Series

- With hallow.
- With any stones
(have to remove them when testing).
- Materials which have close density to gold (platinum).

Easy operation in 10 Sec.



Option



Item Code	101-006	101-007	101-002
Model	GKS-300	GKS-3000	GK-300
Measuring Range	0.001 - 300 g (0.001 g/cm ³)	0.01 - 3000 g (0.01 g/cm ³)	0.01 - 300 g (0 - 0.01 g/cm ³ depends on weight)
Application	Gold, White gold, Platinum	Gold, White gold, Platinum	Gold
Minimum sample weight	2 g	10 g	5 g
Display	Gold : Lo, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24K PT : Lo, Pt600, 650, 700, 750, 800, 850, 900, 950, 1000 Purity 99.9% Density (specific gravity)		Gold : Lo, 9, 10, 12, 14, 16, 18, 20 21, 22, 23, 24K Purity 99% Density (specific gravity)
Weight / Dimensions	2.8 kg / 260 x 190 x 200 mm	4.2 kg / 260 x 240 x 240 mm	1.5 kg / 218 x 190 x 170 mm
Power Supply	AC100 - 240V	AC100 - 240V	AC100 - 240V
Option	Airtight Wind Shield, Compact Printer AL2-58, Printer AD-8127, 2 kg calibration weight, Remote display		

*GKS-300/ GK-300 comes with calibration weight 200g. GKS-3000 does not comes with calibration weight 2kg (Option).



VANTA GX

EVIDENT VANTA GX

The new Vanta™ GX precious metal analyzer is an affordable way to know the purity and composition of gold, jewelry, coins, and other valuables. Accurate, easy to use, and nondestructive, the countertop instrument delivers precious metal content, karatage and fineness in seconds so jewelers can confidently price the valuables when buying or selling.

Item Code	101-012	101-013
Model	Vanta GX SDD	Vanta GX PIN
Detector	Silicon PIN diode	Silicon drift detector
Display	Full color touch-screen display: 800 × 480 (WVGA)	
Camera	Full-color VGA camera	
Chamber Dimensions	94 × 177 × 173 mm	
Weight / Dimensions	10 kg / 357 × 239 × 324 mm	
Power	100–240 VAC, 50–60 Hz, 70 watts at 18 V and 3.9 A	



Vanta Element

Vanta L series

EVIDENT VANTA

The Vanta analyzer is advanced handheld X-ray fluorescence (XRF) device and provides rapid, accurate element analysis and alloy identification to customers who demand laboratory-quality results in the field.

Item Code	101-010	101-011
Model	Element	L Series
Excitation Source	35 kV (2 watts) X-ray tube with application-optimized anode material (rhodium (Rh), silver (Ag), or tungsten (W))	
Weight (with battery)	1.54 kg	1.7 kg
Dimensions	83 × 242 × 289 mm	
Power	Removable 14.4V Li-ion battery, AC100–240, 70W max	

ULTRASONIC THICKNESS GAUGE

The 45MG is an advanced ultrasonic thickness gauge packed with standard measurement features and software options. Single element transducers enable you to make accurate thickness measurements on metals, and distinguish Tungsten or other metals inside the ingot.

Item Code	101-014
Model	45MG
Thickness Range	0.080 mm to 635 mm depending on material
Material Velocity Range	0.508 mm/μs to 18.699 mm/μs
Case	3 Impact-resistant and water-resistant, gasketed case with sealed connectors. Designed for IP67
Battery Life Operating Time	3 AA alkaline: 20 to 21 hours AA Lithium: 35 to 36 hours
Weight / Dimensions	431 g / 91 × 162 × 41 mm
Power	AA batteries x 3 / USB power supply



45MG



EDX

SHIMADZU X-RAY FLUORESCENCE SPECTROMETER

Energy Dispersive X-ray Fluorescence Spectrometer EDX-7200 is a flagship model of the EDX series in pursuit of high sensitivity, high speed and high precision. Not only for precious metal analyzes, but also for Gems, watch etc.

Item Code	101-015
Model	EDX-7200
Measurement Principle	X-ray fluorescence spectrometry
Measurement method	Energy dispersion
Measuring range	11Na to 92U
Weight / Dimensions	45 kg / 460 × 590 × 360 mm
Power	100-240 V AC ± 10 %, 2 A earthed socket



IRSpirit

SHIMADZU FTIR IRSPIRIT

IRSpirit FTIR spectrophotometers are extremely compact, but can still be used together with standard accessories from Shimadzu and other manufacturers. IRSpirit instruments come with IR Pilot software, which offers 23 application-specific workflows that are ready-to-use without parameter setup. Measure multiple samples with just one click.

Item Code	102-011
Model	IRSpirit
Interferometer	Michelson interferometer (30° incident angle) Equipped with Dynamic Alignment system Sealed interferometer
Beam Splitter	Germanium-coated KBr
Light Source	High-energy ceramic light source
Detector	IRSpirit-T model: DLATGS detector with temperature control IRSpirit-L model: LiTaO ₃ detector
Wavenumber Range	7,800 ~ 350 cm ⁻¹
Weight / Dimensions	8.5 kg / 390 × 250 × 210 mm



GIA iD100

GIA iD100 GEM TESTING DEVICE

The GIA iD100® gem testing device with advanced spectroscopic technology. Small, yet powerful, the GIA iD100 gives you a simple and clear determination in under two seconds and an unrivaled accuracy that lets you get on with business confidently. The GIA iD100 distinguishes simulated and laboratory-grown diamond from natural diamond. It is able to test colorless to near-colorless, blue-to-green and brown diamond.

Item Code	102-007
Capabilities	Identifies colorless to near-colorless, brown, and blue-to-green natural diamonds. Both mounted and loose diamonds of 0.9mm or greater in diameter (approx. 0.005 carat size)
Weight / Dimensions	1.02 kg / Base 200 × 165 × 80 mm, Fiber probe 400 mm
Power	AC 100-240V 50 /60 Hz



AURA

SYNTHETIC DIAMOND SCREENER AURA

Synthetic Diamond Screener to detect Lab-Grown CVD Synthetic Diamond and HPHT Synthetic Diamond from earth mined natural diamonds. It can screen loose as well as mounted diamonds. It has an ability of screening automatic 360 degree testing of bangles, bracelets and rings.

Item Code	102-010
Capabilities	Natural Diamond, CVD Synthetic Diamond, HPHT Synthetic Diamond, Stone Colors (capable to detect): Colorless to Near Colorless (D-K), Stone Size (capable to detect): 0.002 carat and above. Estimated Maximum Count of Stones per test: 576 separated loose stones (9 pcs of 0.002 ct per block)
Weight / Dimensions	5 kg / 235 × 310 × 200 mm
Power	AC100-240V
Accessories	SmartPro Aura, Loose Stone Tray, Loose stone Tray 2, Ring / Jewelry Tray, Ring attachment, Bracelet attachment, Power Cable or AC power cable



Optimum- I

DIAMOND MULTI SCREENER OPTIMUM I

SmartPro Optimum-I, revolutionary handheld CVD/HPHT & Moissanite Screener that can be used on loose or mounted stone even if they are mounted on closed back settings. Distinguishes natural diamond from CVD/HPHT Synthetic Diamond and Moissanite.

Item Code	102-008
Capabilities	Distinguish colorless to Faint Color (D-M) of Diamond, CVD/HPHT Synthetic Diamonds and Moissanite. Both mounted and unmounted stones of 0.015ct up to 10ct stone.
Weight / Dimensions	150 g / 170 × 60 × 30 mm
Power	Power Bank or USB Power Adaptor VDC 5V/1–2A



Screen- I

SYNTHETIC COLORLESS DIAMOND TESTER SCREEN- I

Designed for smart testing of natural earth-mined colorless diamond (D-J) type Ia, Ib from lab created or synthetic type IIa, IIb / CVD / HPHT mounted and loose colorless diamonds.

Item Code	102-006
Testing principle	UV transmittance
Operating Conditions	Loose diamond, Mounted diamond 0.02-12 ct / D-J color
Weight / Dimensions	165 g / 80 x 130 x 70 mm
Power	AAA battery x 4 / Micro USB
Accessories	Case, USB cable



Presidium Multi Tester III

PRESIDIUM MULTI TESTER III (PMuTIII)

Utilizes a patented combination of both thermal and electrical conductivity to distinguish between diamond, moissanite and other simulants.

Item Code	102-004
Weight / Dimensions	97 g / 165 x 25 x 40 mm
Accessories	Loose stone holder, Case
Battery	AAA battery x 3



DIAMOND MATE A

DIAMOND MATE A

Pocket-sized instrument that instantly verifies the authenticity of diamonds based on their thermal properties. It has the tip (0.6mm) for testing diamonds as small as 0.02ct.

Item Code	102-009
Weight / Dimensions	80 g / 161 x 21 x 30 mm
Power	AAA alkaline battery x 3
Accessories	Battery, Loose stone holder, Case



Gem Tester II

GEM TESTER II (PGT II)

Presidium Gem Tester II provides a quick and easy way to identify diamond / moissanite and separates up to 16 common colored gemstone based on their thermal conductivity with its clear and direct analog display. It features the thinnest retractable probe tip (0.6mm) for testing colored gemstone as small as 0.02 carats. Coated gemstone can also be generally tested.

Item Code	103-025
Weight / Dimensions	272 g / 77 x 165 x 77 mm
Power	AA alkaline batteries x 2 or AC100-240V



Diamond Marking Pen 0.05 Black

DIAMOND MARKING PEN 0.05 BLACK

Permanent black ink fine tip of 0.05mm to mark down on Diamond, Gems. Useful for marking on stones for further inspection, grading as well as polishing lines on rough diamond.

Item Code	801-476
Size of the tip	0.05 mm
Made in Japan	



Gem Lightbox GLB Mater



Working base height from the diffuser 207mm or 300mm Diffuser has set under LED illumination 207mm or 300mm



CGL Color Grading Tray

Color Grading Tray Mini



GIA Polariscope



GIA Refractometer



FRONT: Front LED Tube On/Off
BACK: Back LED Tube On/Off
UV: LED UV365nm On/Off
UV VOLUME: UV intensity control 5 levels (50-100%)

GEM LIGHTBOX GLB MASTER



GLB master provides most suitable lighting condition for Diamond grading, and Gem identification. High color rendering Ra97 light emitted from newly developed LED tubes which is similar to natural light goes through special diffuser. It's easy on the eyes and enables anyone to perform uniform grading and identification. UV intensity can be adjusted with 5 levels, allowing you to work in like daylight condition. GLB Master is supervised by CENTRAL GEM LABORATORY Co., Ltd, designed and produced in Japan, following ISO standard.

Item Code	104-072
Illumination	LED Tube light 6500K x 2 pcs, LED UV 365nm x 2 pcs
Color Rendering	Ra97
LED Life Time	40,000 hours
Working Stage	495 x 200 mm / Height from diffuser 207 or 330 mm
Weight / Dimensions	7 kg / 510 x 210 x 490 mm
Power	AC100-240V (Plug type A: 2-flat pins)

Made in Japan

CGL COLOR GRADING TRAY / COLOR GRADING TRAY MINI

CGL Clor grading tray: CGL Japan developed ideal tray for diamond grading. Eliminates the reflection from the tray to distinguish the very little difference of the color. Use it with gembox or put day-light from vertical direction to have accurate grading.

Color grading tray mini: Diamond grading tray with 2 v-shaped grooves, 2 different width to hold stones. Perfect for use in a diamond grading light cabinet.

Item Code	103-023	103-028
Type	Professional	Economical-mini
Material	Acrylic	Acrylic
Weight / Dimensions	23 g / 123 x 21 x 20 mm	12 g / 98 x 24 x 12 mm

Made in Japan

GIA POLARISCOPE



The GIA Polariscope is used to test the optical properties of gemstone and determine whether a stone is singly refractive, doubly refractive or is an aggregate. Doubly refractive stones may be divided further as to whether they are uniaxial or biaxial. The polariscope may also be used to detect pleochroism in doubly refractive colored stones.

Item Code	103-027
Weight / Dimensions	1 kg / 85 x 130 x 145 mm
Accessories	Optic figure sphere, 4X magnifier, Sample plate
Power	AC90-240V

GIA DUPLEX II REFRACTOMETER



The only refractometer designed to "spot" read cabochons or small facets with diameters less than 1mm. Top of the line desk model with removable eyepiece magnifier that enlarges RI scale image. Hinged lid protects glass working area from dust & abrasion. Refer to affixed chart of most-used RI's.

Item Code	103-026
Weight / Dimensions	600 g / 63 x 150 x 113 mm
Accessories	Polarizing Filter, Dust cover, RI liquid 10 g bottle



Refractometer

GEM REFRACTOMETER

High precision Gem Refractometer from Japan. Easy reading view with high quality eye piece optical lens. 2 types without light source, and with built-in light source are available.

Item Code	103-029	103-030
Model	160M	160M LED
Index Range / Min Scale		1.330 - 1.810
Min Scale / Accuracy		0.01 / +/-0.002
Power / Light	-	AAA battery x 3 / LED
Weight / Dimensions	400 g / 38 x 123 x 81 mm	400 g / 38 x 125 x 81 mm
Accessories	Polarizer filter, Case	AAA battery x 3, Polarizer filter, Case

Made in Japan

1.81 REFRACTIVE INDEX LIQUID

GEM MASTER 1.81 Refractive Index Liquid, for use with the Gemological Refractometer. Used the highest quality raw materials, carefully controlled manufacturing and with close attention to health and safety issues. Each bottle is fitted with uniquely designed, Teflon "restrictor" neck-insert, for user friendly usage.

Item Code	103-024
Composition	Methylene Iodide + Sulphur + Tetraiodoethylene
Purpose	Optical Contact Liquid for Gem Refractometer
R.I. (nD)	1.81 +/- 0.003
Contents	10 g



R.I.Liquid

SPECTROSCOPE

Spectroscope measures the characteristic spectrum through principle ingredients and coloration elements contained in the gemstone. It is the device to differentiate the type of gem.

Item Code	103-004	103-005
Product Name	Spectroscope (Direct)	Spectroscope (Wavelength scale)
Weight / Dimensions	93 g / φ21 x 89 mm	225 g / 50 x 22 x 104 mm

Made in Japan



Spectroscope

DICHROSCOPE

Dichroscope for identifying double refraction.

Item Code	103-006	103-007
Product Name	Dichroscope	RAYNER Dichroscope
Weight / Dimensions	21 g / φ16 x 58 mm	14 g / φ15 x 51 mm



Dichroscope

CHELSEA COLOR FILTER

Color filter for red, blue and green colors stone identification.

Item Code	104-011
Product Name	CHELSEA Color Filter
Weight / Dimensions	15 g / 55 x 33 x 22 mm



Chelsea Color Filter

COLOR STONE CHART

Color Stone Chart can be your great help when selecting, purchasing, and selling color stones. The pictures are the closest to as actual color as possible. And the index shown under the each color stone can be also your help to calculate the market price for references.

Item Code	801-080
Contents	Total 15 sheets: Ruby, Blue sapphire Emerald, Paraíba tourmaline (0.5, 1.0, 3.0 ct) Jadeite (1.0, 2.0, 5.0 ct)
Accessories	User Manual, Case

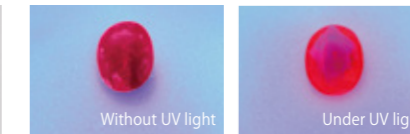
Made in Japan



Color Stone Chart



UV Power Light



Without UV light

Under UV light

UV POWER LIGHT

Equipped with quality UV LED bulb from NICHIA, the top manufacturer of LED in Japan. You can check the UV fluorescent reaction of Diamond, Ruby and Alexandrite. Strong 375nm long wave, economical and high performance.

Item Code	104-036	104-035
Product Name	UV Power Light-3	UV Power Light-1
Wavelength		375 nm
Bulb	3 (NICHIA UV LED)	1 (NICHIA UV LED)
Weight / Dimensions	47 g / φ31 x 93 mm	25 g / φ14 x 133 mm
Battery	AAA battery x 3 (15 hours)	AAA battery x 1 (6 hours)

UV LIGHT LED-5

Equipped 5pcs of quality Nichia UV LED, strong long UV light. Good for checking fluorescent reaction of Diamond, Ruby, Alexandrite etc, as well as bank note, cards and passport. Pocket size light and easy to carry out.

Item Code	104-070
Model	ABL-5Z
Wavelength	375 nm
Weight / Dimensions	87 g / φ30 x 100 mm
Battery	AA battery x 3

Made in Japan



UV Light LED-5 ABL-5Z

UV/WHITE LIGHT



It has UV365nm(Long UV-A), 1000mW intensity of LED light. It's good and time saving for UV resin curing, bonding, and it can be used for fluorescent check, surface scratch inspection and other. various purposes. By rotating ring switch, you can change UV light and White light smoothly.

Item Code	104-067
Model	MR-UV
Intensity / Run Time	UV1000mW / 5.5 hours, UV105mW / 40 hours White800lm / 3.75 hours, White45lm / 27 hours
Weight / Dimensions	187 g / 26 x 38 x 168 mm
Battery	18650 Li-Ion battery x 1 or CR123A lithium battery x 2



UV / White Light MR-UV

POCKET LED LIGHT

Pocket compact LED light with 2 colors light. UV for diamond, ruby, etc. White and yellow color lights for gemstone and color change stones.

Item Code	104-055	104-056
Product Name	UV Light Pocket	Twin Light Pocket
LED Lights	White / UV color LED light	White / Yellow color LED light
Weight / Dimensions		15 g / φ13 x 70 mm
Battery		LR44 battery x 3



UV / White / Yellow Pocket LED Light

MULTISPEC UV LIGHT

UV hand lamp for long and shortwave fluorescence certification. UV dark-room and viewing cabinet set.

Item Code	104-044
Lamp	Long wave 366 nm, Short wave 254 nm / 4W UV
Weight / Dimensions	619 g / 297 x 125 x 124 mm



Multispec UV Light



LED LIGHT MR-95 (HIGH COLOR RENDING) ▲▲ ALFAMIRAGE

High color rendering (Ra95), which cannot be expressed by conventional LEDs, enables inspection and observation in light close to natural sunlight. The higher the CRI, the better the color rendering ability. Helps you to check the original color of the objects and gemstones. Recommended for research professionals and gemologists.

Item Code	104-064
Model	MR-95
Bulb	LED CRI95 / 25 Lumens
Weight / Dimensions	26 g / φ 17 x 100 mm
Battery	AAA battery x 1



LED LIGHT FLOOP

White LED light with suitable brightness for Jewelers.

Item Code	104-026	104-025
Body color	Purple	Blue
Bulb	White LED x 1 / 18 Lumens	
Weight / Dimensions	40 g / φ 14 x 114 mm	
Battery	AAA battery x 2 (12 hours)	



PENLIGHT MR ▲▲ ALFAMIRAGE

Appropriate brightness for jeweler's penlight. Not only for gemstones, but also can be used with color filter or refractometer.

Item Code	104-031
Bulb	Yellow bulb x 1
Weight / Dimensions	38 g / φ 13 x 140 mm
Battery	AAA battery x 2



SPOT LIGHT MINI

Flexible Arm LED Light is widely used in many fields for various purposes. You can spot the light wherever you want. And also it has magnet on the back to attach on metal area.

Item Code	104-047
Light source	High brightness LED lamp
Weight / Dimensions	120 g / 70 x 50 x 18 mm
Arm length / Caliber	450 mm / Tube 4 mm, Tip 8 mm
Battery	AA battery x 3 (6 hours)
Accessories	Strap, Battery

Made in Japan



MULTI GEMSTONE LIGHT D-201

4 different colors of light can be set with touch control panel. Also it has 5 levels of dimmer, so you can set your favorable color immediately. Easy to use with compact design, and 180 degrees rotate light head.

Item Code	106-217
Light	White LED 18 pcs, Yellow LED 9 pcs
Color of Light	2800, 3300, 5200, 6500K w/dimmer control
Power	AC100-240V
Weight / Dimensions	1.5 kg Base 180 x 170 x 12 mm / Light 240 x 30 mm / Height 720 mm

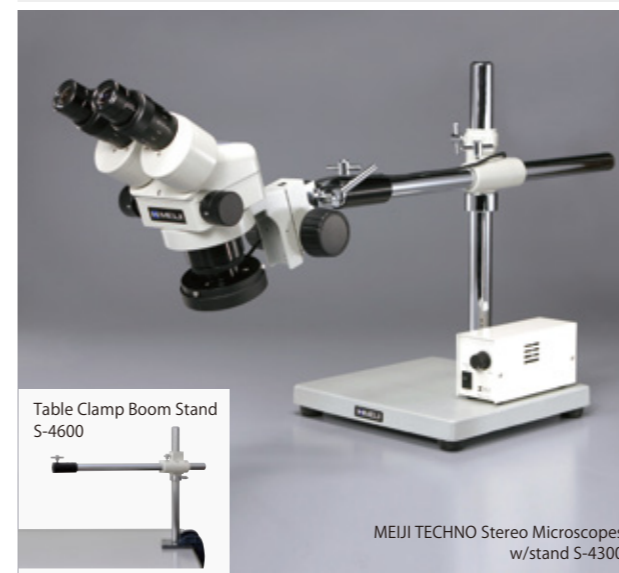


GIA MICROSCOPE GEMOLITE NXT



Most advanced gemological microscope, featuring LED lighting, high-clarity optics, and ergonomic features.

Item Code	105-070	105-071
Model	Standard	Professional
Magnification	8X – 50X (with 10X eyepiece Standard equipped) 12X – 75X (with 15X eyepiece Professional equipped)	
Field of View / Working Distance	27.5 – 4.4 mm (10X eyepiece) / 110 mm 20 – 3.2 mm (15X eyepiece) / 120 mm	
Weight / Dimensions	20 kg / Around 300 x 300 x 500 mm	
Accessories	Standard: Darkfield, reflected, and polarized lighting, Fiber optic illumination, 10X eyepiece. Professional: (Standard included) Fiber optic light shorter rigid and longer flexible. Overhead lamp, 15X eyepiece.	



MEIJI TECHNO STEREO MICROSCOPE

Binocular Zoom(7X-45X) Stereo Microscope for precision stone setting and all around jewelry work. This combination of EMZ-5/10 and Auxiliary LENS 0.5X lenses delivers the most useful magnification power, field of view and working distance for the bench jeweler. Jewelers recognize the outstanding build quality of the Meiji scope and the perfect focus that Meiji optics achieves.

Item Code		
105-037	Body	Model EMZ-5/10, 7X-45X Binocular Zoom Stereo Field of view 32 mm - 5.1 mm Working distance 93 mm (W/MA517 150 mm)
105-052	FS	FS Coarse Focus Block/Holder Uses 15.8 mm diameter, 34.5 mm long mounting pin
105-053	Stand	Universal Boom Stand S-4300 Base 265 x 265 x 25 mm Vertical pole 400 mm, Horizontal pole 530 mm
105-054	Stand	Table Clamp Boom Stand S-4600 Vertical pole 400 mm, Horizontal pole 530 mm
105-055	Illuminator	LED Ring Illuminator MA964 100-240V, Wattage 10W, Dimmer 0-100%
105-056	Auxiliary Lens	Objective Auxiliary Lens 0.5X MA517

Made in Japan



FLEXIBLE STAND MICROSCOPE S300II / S300V

Best seller Microscope with flexible stand, which allows operator to set on any angle, height and position. It has good stability, and focus will not be out once you set on the position. Stand-style and Magnet base styles are available. Useful for precise work or inspection as well.

Item Code	105-062	105-068	105-064	105-063	105-069	105-065
Magnification	8X	10X	16X	8X	10X	16X
Base type	Stand			Magnet		
Field of View	25mm	20mm	12mm	25mm	20mm	12mm
Working Distance	120mm	150mm	120mm	120mm	150mm	120mm
Weight / Size	Stand type 3.14 kg, Magnet type 1.84 kg / Flexible Arm 300 mm					
Option	Ring LED Illuminator (105-066)					

Made in Japan



MICRO STAND SCOPE / SMARTPHONE HOLDER

Compact Microscope with precision optics and LED light for examining diamond and gemstones. This scope enables you to read the inscription on loose or mounted stones. New attachment Smartphone Holder launched. Easy to take high magnification pictures.

Micro Stand Scope	105-015	105-016	105-017
Micro Stand Scope & Smartphone Holder set	105-059	105-060	105-061
Magnification	Microscope 12X Telescope 4X	Microscope 20X Telescope 6X	Microscope 25X Telescope 8X
Battery (LED Light)	CR2016 battery x 2 (16 hours)		

Made in Japan



Digital Microscope MRS-T5.1

COMPACT DIGITAL MICROSCOPE

Integrated the Digital microscope with 5-inch color monitor. Great features that magnified visual inspection, sharing the image and movie can be done easily. Equipped the polarizing filter that can eliminate reflection of glossy object, and transmitted illumination with dimmer for easy observation. Comes with PC software for dimension, degrees measurements, HDMI cable for connecting with large screen, and the microSD card for save images and movies.

Item Code	105-067
Model	MRS-T5.1
Magnification	4X - 160X (Optical maximum 40X, digital zoom maximum 4X)
Monitor	5 inch IPS, LCD (960 x 540)
Power / Output	AC100-240 V / HDMI, AV, USB
Field of view / Focus Range	4X : 32 x 18mm to 160X 0.6 x 0.4mm / 5mm to 70mm
Polarizer	8 white LEDs (Dimmable), Transmitted illumination (Dimmable)
Light source	Polarizing Filter (Adjustable)
Weight / Dimensions	830 g / 158 x 165 x 267 mm
Accessories	AC Adaptor, USB cable, HDMI Cable, AV Cable, MicroSD Card (8GB), calibration scale, CD (measurement software)

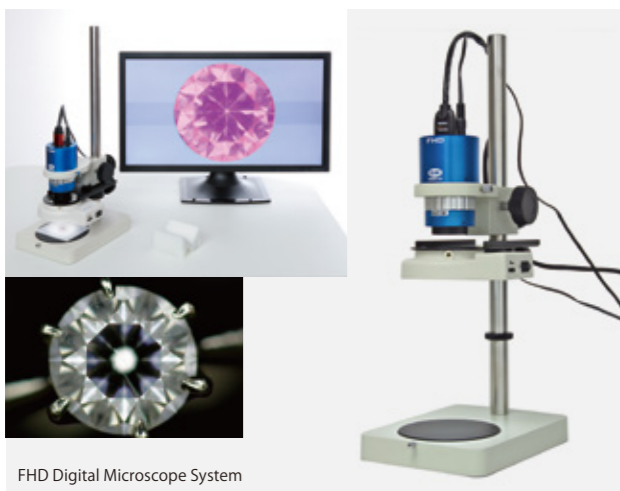


Digital Microscope DIM-T2.4

COMPACT DIGITAL MICROSCOPE

Magnified observation, image storage from small to big object. Fit shooting Watch, Jewelry, Coin, Gemstone with any size with removable camera. Save picture, movie and can be connected to PC, or Monitor by HDMI output.

Item Code	105-051
Model	DIM-T2.4
Magnification	2.5 - 80X (Optical maximum 20X, Digital zoom 4X)
Image Sensor	3.0 Mega Pixels
Monitor	2.4-inch LCD
Power / Output	AC100-240 V / HDMI, AV, USB
Weight / Dimensions	650 g / 120 x 170 x 240 mm
Accessories	Microscope, Stand, Capture Remote, USB Cable, HDMI Cable, AV Cable, Calibration scale, Micro-SD Card (4GB), CD (measurement software), AC Adapter, Built-in Li-ion battery



FHD Digital Microscope System

FHD DIGITAL MICROSCOPE SYSTEM

The system which outputs the clear and smooth FHD (60fps) image and movie in progressive scanning with HDMI cable. Can see details of the image clearly even at low magnification. With optional image capture device, the image and movie can be recorded and shared remotely on-line. Suitable for visual inspection for diamond, gem, jewelry, watch, and etc.

Item Code	105-057
Magnification	10X - 60X
Field of View	47.4 x 26.7 (10X) - 7.9 x 4.4 mm (60X)
Working Distance	56 - 305 mm
Image Sensor	1 / 2.8 inch 230 Mega Pixel Color CMOS
Power	AC100-240 V
Weight / Dimensions	2.5 kg / 143 x 188 x 400 mm
Accessories	FHD Camera, LED Ring Light, Column for Lighting, Long Stand, Coarse Holder
Option	HDMI Cable, Image Capture Device, LED Ring Light (SKLS-A-1 / SKLS-110D)

Made in Japan



4K Digital Microscope System

4K DIGITAL MICROSCOPE SYSTEM

"4 times" high definition of full high definition. Images equivalent to high-end microscopes at this price! Equipped with high-resolution 4K lens, multi-function 4K camera and magnification 26x - 260x (*Magnification is a calculated value converted to a 17-inch monitor) with digital zoom function. Even with digital zoom (X2) Full HD resolution. Still images and videos can be saved and played back.

Item Code	105-072
Magnification	26X - 260X *Magnification is a calculated value converted to a 17-inch monitor
Field of View	15.0mm X 8.4mm(26X) 1.5mm X 0.8mm(260X)
Working Distance	100mm
Image Sensor / Pixel Size	1/1.8" CMOS / 2.0 μm X 2.0 μm
Other functions	Line display function, Measurement function, Still/video save/playback, Digital zoom
Accessories	4K camera dedicated to 4K microscope, LED ring lighting, High resolution 4K zoom lens, Stand, Protective Cover



WIDE VIEW ILLUMINATED MAGNIFIER

High specification lens illuminated magnifier from Japan. Spherical Aberration is very few and maximum magnifications 15X with wide view. There are eight types of lens magnification 2X, 3X, 4X, 6X, 8X, 10X, 12X and 15X. Suitable for jewelry work, inspection work, soldering etc. Multi-coated lens are available for 2X to 10X, which has less reflection on the lens surface.

Model	ENVL-B	ENVL-CF
Arm / Type	Stand type	Free arm 680 mm / Clamp type
Weight	2.2 kg (excluding lens)	2.5 kg (excluding lens)
Lens	2X, 3X, 4X, 6X, 8X, 10X, 12X, 15X Choose your best lens magnification.	
Lights	LED with dimmer control (100-50%)	
Power / Consumption	AC100V, 240V / 11W	
Made in Japan		

INTERCHANGEABLE LENS LINEUP

Area Magnification (approximate)	2X	3X	4X	6X	8X	10X	12X	15X
Image of the model								
Lens (mm)	φ 130 Single lens	φ 130 Single lens	φ 130 Double lens	φ 105 Double lens	φ 90 4 lens	φ 90 4 lens	φ 90, 5 lens with polarizing filter	φ 70, 6 lens with polarizing filter
Weight	400 g	500 g	700 g	570 g	1300 g	1350 g	1670 g	1560 g
Image of the view								
Multi-Coated lens	○	○	○	○	○	○	-	-



Flash Magnifier M-100

FLASH MAGNIFIER M-100

Magnifier 10X with white LED light and scales of 0.5mm resolution. LED light makes bright viewing and easy for the observation.

Item Code	106-236
Magnification	10X
Lens	30 mm / Glass & Plastic
Weight / Dimensions	95 g / 52 x 180 x 47 mm
Battery	C size battery x 2

Made in Japan



LED Flash Loupe

LED FLASH LOUPE

Easy to use with glass wide lens, 10X of 27mm and 15X of 21mm lens. LED light gives clear view anywhere.

Item Code	106-087	106-161
Model	R7519	R7526
Magnification / Lens	10X / 27 mm	15X / 21 mm
Weight / Dimensions	42 g / 105 x 38 x 25 mm	50 g / 104 x 38 x 33 mm
Light / Battery	White LED x 1 / AAA battery x 3	



Hand Grip Loupe

HAND GRIP LOUPE

Hand-held type Loupe with rubber grip. Easy observation, inspection, quality control with 53mm big glass lens. Available 5X and 7X magnification types. Comes with strap to carry out.

Item Code	106-325	106-326
Model	3005	3007
Magnification / Lens	5X / 53.5 mm	7X / 53.5 mm
Weight / Dimensions	110 g / φ 62 x 32 mm	120 g / φ 62 x 32 mm
Accessories	Strap	

Made in Japan



HEAD LOUPE HAWK EYE

Light weight wide view and comfortable to wear for a long period of time. The lens angle can be adjustable to user's comfortable position. Also nose pad length can be set in 4 steps.

Item Code	106-319	106-320	106-321	106-322
Type	Standard		Long Focus	
Magnification	1.6X	2.0X	1.6X	2.0X
Working distance	250 - 350mm	200 - 300mm	290 - 390mm	240 - 340mm
Color (frame)	Black		Wine red	
Weight	38g	41g	42g	45g
Size	133 x 167mm			

*Replacement lens available Made in Japan



BINOCULAR MAGNIFIER

Binocular magnifiers are designed to provide spectacle wearers with hands-free magnification. They are light weight, hands-free, and fit most eyeglass frames. Lens made of Acrylic resin.

Item Code	106-259	106-260	106-261	106-262	106-263	106-264
Model	HF-10A	HF-10B	HF-10C	HF-20A	HF-20B	HF-20C
Magnification	2.0X	2.5X	3.0X	2.0X	2.5X	3.0X
Weight	36.5 g	38.5 g	41.5 g	19 g	21 g	24 g
Style	Glasses Frame			Clip on		

Item Code	106-269	106-270
Model	HF-10ABC (3 LENS SET)	HF-20ABC (3 LENS SET)

*Replacement lens available Made in Japan

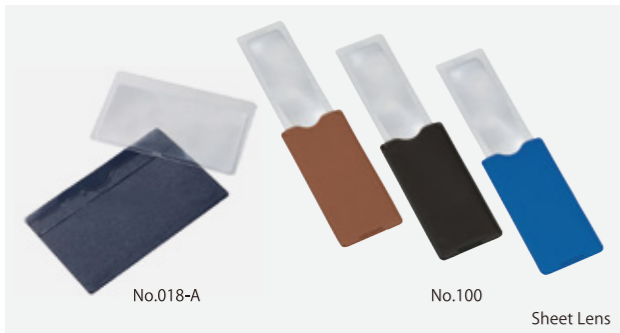


HAZUKI LOUPE

Hazuki loupes are durable and stylish magnifier that are surprisingly lightweight. 3 styles of frame, and 10 different colors, and 3 magnifications (1.32X, 1.6X and 1.85X) are available.

Type	Large			Compact			Cool
Magnification	1.32X	1.6X	1.85X	1.32X	1.6X	1.85X	1.32X
Color (frame)	Red, Purple, Black, White, Titanium color, Pearl, Ruby, Black gray, Brown, New purple						
Weight	22 - 27.5g			18.3 - 22.6g			16 - 19.5g
Size	145 x 45mm			142 x 35mm			142 x 27.3mm

Made in Japan



SHEET LENS

Sheet lens in your wallet, in your book as bookmarker. Useful when you just want to see the letter or details bigger. They come with case to prevent scratches.

Item Code	106-095	106-303	106-304	106-305
Model	No.018-A	No.100 Brown	No.100 Black	No.100 Blue
Magnification	3.5X			
Material	PVC			
Size (mm)	85 x 55 x 0.4	47 x 100 x 0.4		

Made in Japan



GEM ZOOM U CAMERA LENS FOR SMARTPHONE

Camera attachment lens with 12 white LED lights for smartphone, comes with 10X macro lens and wide view lens. Suitable for taking crisp and clear macro photography and videos of diamond, gemstone with 10X micro lens. And, wide view lens is suitable for jewelry, and watch. White and cool LED lights (5500k) can be adjusted and controlled.

Item Code	106-268
Lens	10X Micro lens, 0.6X Wide view lens
Weight / Dimensions	36 g / 65 x 95 x 25 mm
Fits for	All smartphones and tablets (iPhone, iPad, Galaxy, and Android)



SCALE LOUPE

Precise and easy measurement by Scale Loupe. Various purposes as well as length measurement. It has clear and coated Japanese glass lens.

Item Code	106-032	106-033
Model	No.5055	No.5056
Magnification	10X	15X
Increment / View	0.1 mm / 25 mm	0.1 mm / 12 mm
Set Lens	S200	S100

Optional Lens

Item Code	106-121	106-122	106-123
Model	No.201	No.202	No.204
Applicable	No.5055		

Made in Japan



CARAT ESTIMATION SCALE LOUPE

Lens has mm scale and ct measures. You can estimate the size of stone even mounted on ring. Following the manual formula, you can have more precious carat estimation.

Item Code	106-177
Measuring Range	0 - 11 mm (around up to 5 ct)
Magnification / Lens	10X / Triplet
Weight / Size	17.4 g / φ21 x 33 mm
Application	Round, Oval, Heart shaped, Baguette-cut etc



DIAMOND INSCRIPTION LOUPE 25X

Loupe for checking the leaser inscription on girdle of diamond. Ring can be set on the holder or use stone holder for loose stones.

Item Code	106-237	106-238
Body Color	Red	Blue
Magnification	25X	
Lens	12 mm / Triplet	
Weight / Size	85 g / φ40 x 100 mm	
Option	Stone Holder Ring 106-239 (S) / 106-240 (L)	



HEART & ARROW VIEWER GS PET

You can see the Hearts & Arrow of brilliant cut Diamond. Used high quality Japanese made clear lens.

Item Code	106-018	106-029
Product Name	GS pet	GS pet mini

Made in Japan



HAPPY EGG (DIAMOND RING CASE & ARROW VIEWER)

Egg shape diamond ring case. Also, arrow of brilliant cut diamond can be seen through top of the case. New colors released and there are many color options.

Item Code	106-015	106-016	106-017	106-289
Color	Silver x Blue	Silver x White	Silver x Pink	Silver x Gold

Item Code	106-290	106-294	106-295
Color	Silver x Red	Gold x Red	Gold x Gold

Made in Japan



Loupe 8800 Series

LOUPE 8800 SERIES

Most popular 10X, 18mm triplet jewelry loupe throughout the world. Clear and easy focus Japanese lens helps your operation. Loupe 8800 series has been one of the most favor products for ALFA MIRAGE customer for many years.

Item Code	106-023	106-022	106-024
Model	8800-S	8800-B	8800-SB
Magnification	10X		
Lens	18 mm / Triplet		

Made in Japan



Loupe 6011 Series

LOUPE 6011 SERIES

The traditional hexagonal loupes from Japan. Wide lens 20.5mm view for easy inspection of diamond, gem and jewelry. Clear and easy to see with Japan-made triplet lens.

Item Code	106-020	106-021	106-028
Model	6011-B	6011-SB	6011-M
Magnification	10X		
Lens	20.5 mm / Triplet		

Made in Japan



Loupe RUPER Series

LOUPE RUPER SERIES

Reasonable and high quality guaranteed. Distortion free double glass loupes.

Item Code	106-025	106-026	106-027
Model	R10-3	R21-3	R31-3
Magnification	10X	10X	8X
Lens	15 mm / Double	21 mm / Double	28 mm / Double

Made in Japan



Linen Tester

LOUPE LINEN TESTER

Linen Tester is in big demand among stone cutting designers worldwide. Easy focusing single lens loupe.

Item Code	106-007	106-008	106-009
Model	A10-2	A20-2	A30-2
Magnification	10X	8X	6X
Weight / Size	15 g / 10 x 10 mm	27 g / 15 x 15 mm	42 g / 25 x 25 mm

Made in Japan



Loupe ALA-30

LOUPE 30X

30X high magnification loupe enables you to read description of diamond girdle.

Item Code	106-144
Model	ALA-30
Magnification	30X
Lens	8 mm / Achromatic
Weight / Dimensions	24 g / 40 x 21 x 19 mm

Made in Japan



No.220

No.7850

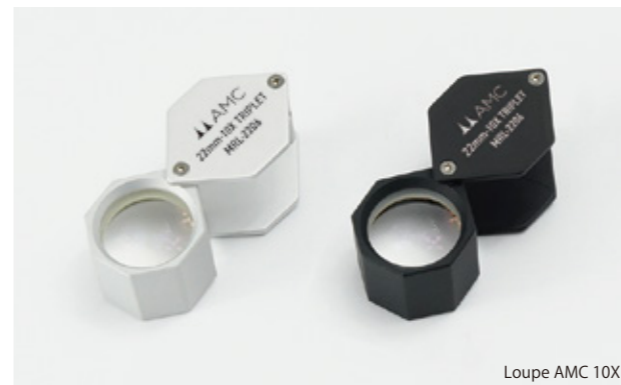
No.7860

MAGNIFYING LENS / LOUPE

Small magnifier in your pocket. Economical single glass lens.

Item Code	106-306	106-307	106-308
Model	No.220	No.7850	No.7860
Magnification	3.5X	4X	4X / 7X (2 pcs of 4X)
Lens	36 mm	30 mm	30 mm

Made in Japan



Loupe AMC 10X

LOUPE AMC 10X



Quality loupe from AMC. Super clear lens for observation, evaluation of the Diamond and Gem. 10X magnification power hexagonal loupe.

Item Code	106-329	106-330
Model	MRL-2206-S	MRL-2206-B
Magnification	10X	
Lens	22 mm / Triplet	
Weight / Dimensions	39 g / 60 x 28 x 25 mm	



Loupe Nikon 10X

LOUPE NIKON 10X

World's well-known brand for camera and optics producing this high quality jeweler's loupe. Nikon triplet 10X, 13mm diameter loupe provides edge to edge viewing without any distortion.

Item Code	106-001
Magnification	10X
Lens / Focal Length	13 mm / Triplet / 25 mm
Weight / Dimensions	15 g / 42 x 24 x 16 mm

Made in Japan



Loupe Pro 10X

LOUPE PRO 10X

Developed as high-end Jewelry loupe, with high class Steinheil Triplet lens. Lens is non-coated and small color difference can be distinguished.

Item Code	106-072
Magnification	10X
Lens	18 mm / Triplet (Steinheil) High class glass lens (Non-coat)
Resolving Power	More than 67 pcs / mm

Made in Japan



10X

14X

LOUPE

Jewelry Magnifier from SmartPro is an excellent tool to have on hand when you need to examine small detail on coins, stamps, and jewelry. The coated lens delivers a sharp, clear image Perfect accessory for the hobbyist and pro who needs to assess the smallest details.

Item Code	106-331	106-332
Magnification	10X	14X
Lens	16 mm / Achromatic	11 mm / Achromatic
Weight / Dimensions	15.6 g / 20 x 48 x 18 mm	10 g / 16 x 40 x 17 mm



10X

14X

20X

LED Loupe

LOUPE eye PRO LED

Loupe with LED lights MRL series. Easy inspection with detail parts with LED light. It comes with battery lid open jig.

Item Code	106-063	106-073	106-074
Model	MRL-106	MRL-144	MRL-204
Magnification	10X	14X	20X
Lens	18 mm / Achromatic	11 mm / Achromatic	
Weight / Dimensions	60 g / 25 x 82 x 19 mm	31 g / 21 x 70 x 19 mm	30 g / 21 x 70 x 19 mm
Battery	LR926 battery x 3		



SOFT TIP TWEEZERS D-MASTER ▲▲ ALFAMIRAGE

Soft tip tweezers, made of elastomer, can hold gemstones and diamonds tightly without superfluous power and any scratches. Ideal for jewelers and gemologists to handle fragile and precious stones. Suitable for working with melee diamonds, tapered diamonds, diamonds, other gemstones up to 3 carats, small watch parts and more. Also, D-master is electrostatic discharge tweezers, suitable for working with Watch parts, IC, and Glass parts as well. The tip can be replaced once it is consumed or lacked.

Item Code	401-062
Material of Tip	Elastomer
Hardness of Tip	80 ※Shore A hardness
Width of Tip	1.5 mm (Opening width 10 mm)
Weight / Size	17 g / 125 x 10 mm
Option	Replacement Tip (401-063)
Made in Japan	

REGINE TWEEZERS

Swiss made high quality jewelry tweezers. INOX is used for rust proof. All tweezers Length 160mm (Pearl Tweezers 147mm).

Item Code	Model	Tip	Style	Item Code	Model	Tip	Style
401-039	XF	Extremely Thin / 0.4 mm		401-011	M1	Thin & Grooved	
401-004	F	Ultra Thin / 0.6 mm		401-012	L1	Mid & Grooved	
401-005	M	Thin / 0.9 mm		401-013	XL1	Thick & Grooved	
401-006	L	Mid / 1.2 mm		401-014	XXL1	Ultra Thick & Grooved	
401-007	XL	Thick / 1.8 mm		401-008	BF	Ultra Thin & Black	
401-001	MR	Thin & Stopper		401-009	BM	Thin & Black	
401-002	LR1	Mid, Stopper & Grooved		401-010	BL	Mid & Black	
401-003	XLR	Thick & Stopper		401-015	PEARL	Resin Coated	



GEM TWEEZERS

Stone holders are spring-loaded with contracting wire jaws for examining gemstones or other small items. The holders have 4-prong jaws for gripping gemstones.

Item Code	401-019
Weight / Length	16 g / 120 mm



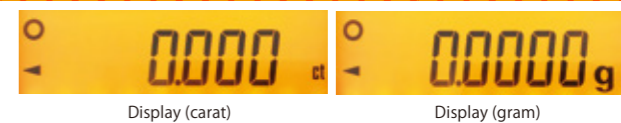
STONE SHOVEL

Colored black and you can see easily even small melee diamond. Essential tools for stone dealers.

Item Code	401-059	401-060
Model	Black Small	Black Medium
Dimensions	53 x 37 x 16 mm	80 x 60 x 18 mm

MEASURING

Balance | Gauges | Calipers



ALFA COMPACT CARAT BALANCE MR-260C

High performance carat balance MR-260C with latest load cell sensor can weigh up to 260ct with a minimum display of 0.001ct. It features detachable windshield and large display with backlight for easy viewing. Compact, lightweight carat balance is suitable for exhibitions because it can be also battery operated.

Item Code	202-012
Model	MR-260C
Weighing Capacity (ct, g, mom)	0.001 - 110 ct / 0.01 - 260 ct 0.0002 - 22 g / 0.001 - 52 g 0.0001 - 5.87667 mom / 0.0005 - 13.8665 mom
Function	Change unit, Calibration, Auto-off, Battery Indicator, Backlight, Calibration Report Print (Need Printer)
Power Supply	AC100-240V or AA battery x 4
Weight / Dimensions	1 kg / 209 x 190 x 114 mm / φ50 mm (Measuring Plate)
Accessories	Gem tray, Windshield, 50 g Calibration Weight, AC Adaptor



A&D CARAT BALANCE

FX-i series is a highly robust precision balance that delivers fast and accurate weighing without any frills, offering cost-effective solutions. Realize a stabilization speed of just 1 second while maintaining extremely high span stability. Unit displays are available in ct, g and mom.

Item Code	202-012
Model	FX-700CT
Weighing Capacity	0.001 - 760 ct / 0.001 g - 152 g
Unit Display	ct, g, mom
Weight / Dimensions	3.4 kg / 198 x 294 x 315 mm
Power Supply	AC100-240V
Accessory	Gem tray x 2, AC Adaptor
Option	Calibration Weight



A&D COMPACT BALANCE EK-I SERIES

Compact digital balance. Available 3 modes (g, piece, %) with one-touch switching. Come with RS232C. The comparator function displays HI/OK/LO.

Item Code	201-034	201-035	201-036	201-037	201-038
Model	EK-300i	EK-600i	EK-1200i	EK-2000i	EK-3000i
Weighing Capacity	0.01 - 300 g	0.1 - 600 g	0.1 - 1200 g	0.1 - 2000 g	0.1 - 3000 g
Mode / Power Supply	g, pieces, % / AC100 - 240V				
Weighing Pan Size	φ 110 mm		133 x 170 mm		
Weight	1.1 kg	1.3 kg	1.5 kg		
Dimensions	190 x 200 x 53 mm				
Accessory	AC Adaptor				



A&D COMPACT BALANCE HL HT SERIES

Battery-powered, lightweight, and compact digital balance. Easy to carry around.

Item Code	201-039	201-040	201-041	201-042
Model	HL-200i	HL-2000i	HT-500	HT-5000
Weighing Capacity	0.1 - 200 g	1 - 2000 g	0.1 - 510 g	0.1 - 5100 g
Weight / Dimensions	500 g / 130 x 192 x 51 mm		550 g / 136 x 195 x 44 mm	
Power Supply	AA battery x 4			
Option	AC Adapter			



Quick Digital Gauge MRG-25



QUICK DIGITAL GAUGE MRG-25

Easy, quick, accurate measurement. Not only diamond and color stones, but also pearls and small objects. Measuring tip has flat face against table, so that very small piece of object, even melee diamond can be measured the thickness easily. Also it has spring force at measuring point, it allows anybody to measure without error. Measuring range from 0.01mm to 25mm. Unit shows both mm and inches.

Item Code	203-079
Model	MRG-25
Measuring Range	0.01 -25 mm / 0.0005 - 1 inch
Unit	mm / inch
Resolution / Tolerance	0.01 mm / ±0.02 mm
Response Speed	1500 mm/sec.
Weight / Dimensions	150 g / 35 x 138 x 21 mm
Battery	CR2032 battery x 1
Accessories	Case, Test battery



PEGG

ELECTRONIC GEMSTONE GAUGE (PEGG)

Gemstone gauge that measures dimensions of gemstones and estimates carat for round brilliant cut stones, quickly converts the dimensions in millimeter to the carat by pressing the button. Also, can measure the depth of mounted stones with attachment.

Item Code	203-091
Measuring Range	0.01 - 25 mm
Resolution / Tolerance	0.01 mm / ±0.02 mm
Weight / Dimensions	110 g / 61 x 97 x 16 mm
Battery	CR2032 battery x 1



PGCG

GEM COMPUTER GAUGE (PGCG)

Gem Computer Gauge that measures dimensions of gemstones and estimates carat for 9 different cuts and 74 gemstones. Can measure both loose and mounted stones. The date can be stored itself and output to PC. Additionally, including functions such as S.G dictionary and calculator.

Item Code	203-092
Measuring Range	0.01 - 25 mm
Resolution / Tolerance	0.01 mm / ±0.02 mm
Weight / Dimensions	120 g / 61 x 100 x 20 mm
Battery	CR2450 battery x 1



Thickness Gauge Film Master

THICKNESS GAUGE FILM MASTER

Measures extra thin sheet material with a precision of 0.001mm. Suitable for measuring a wide range of materials such as paper, film, wire, sheet metal, plastics, and more. Also measuring point pressure has set 0.6N so that soft material can be measured properly.

Item Code	203-042
Measuring Range	0 - 10 mm
Resolution / Tolerance	0.001 mm / ±0.003 mm
Measuring Pressure	0.6 N
Weight / Dimensions	280 g / 120 x 135 x 35 mm
Battery	SR44 battery x 1
Made in Japan	



AMC Digital Caliper AMDC-100 alpha

AMC DIGITAL CALIPER

This steel digital caliper delivers excellent accuracy and features jaws that measure inside diameter and outside diameter from 0-100mm. The caliper has a resolution of 0.01mm, and has a zero set button, making easy work of relative measurements. Smooth movement and lock make it easy to adjust to your desired measurement. Assembled in China.

Item Code	203-095
Model	AMDC-100 alpha
Measuring Range	0.01 - 100 mm
Resolution / Tolerance	0.01 mm / ±0.03 mm
Weight / Length	120 g / 170 mm
Battery	CR2032 battery x 1



Mitutoyo Digital Caliper

MITUTOYO DIGITAL CALIPER

Mitutoyo's worldwide popular high performance digital calipers.

Item Code	203-078	203-077
Model	CD-15APX	CD-10APX
Measuring Range	0.01 - 150 mm	0.01 - 100 mm
Resolution / Tolerance	0.01 mm / ±0.02 mm	
Weight / Length	162 g / 233 mm	143 g / 182 mm
Battery	SR44 battery x 1	
Made in Japan		



A&D Digital Caliper 5764A-150

A&D DIGITAL CALIPER

A&D CO LTD, Japan produced budget price Digital Caliper. Smooth movement and constant repeatable readings.

Item Code	203-076
Model	AD-5764A-150
Measuring Range	0.01 - 150 mm
Resolution / Tolerance	0.01 mm / ±0.03 mm
Weight / Length	165 g / 235 mm
Battery	CR2032 battery x 1



19983

19981

DIGITAL CALIPER SOLAR / BATTERY DUAL POWERED

It is a solar panel and lithium battery dual power supply system. When the ambient illumination is 200 lux or more, the solar panel reduces battery consumption.

Item Code	203-096	203-097
Model	19983	19981
Body Material	Stainless	Carbon
Measuring Range	0.01 - 150 mm	0.1 - 150 mm
Resolution / Tolerance	0.01 mm / ±0.03 mm	0.1 mm / ±0.3 mm
Weight / Size	160 g / 235 mm	59 g / 237 mm



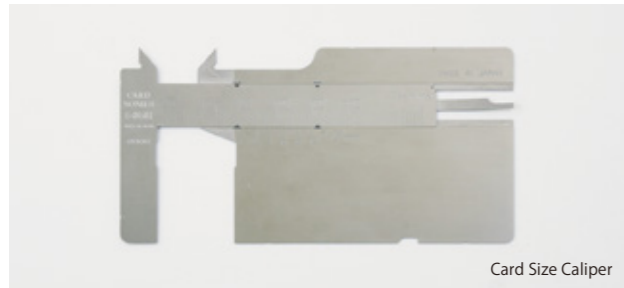
Pearl Scale

Pearl Gauge

PEARL SCALE & PEARL GAUGE

Analogue and manual traditional styles still are loved. Compact, portable, and reliable.

Item Code	203-019	203-020
Product Name	Pearl Scale	Pearl Gauge
Measuring Range	0.1 - 20 mm	0.1 - 50 mm
Weight / Size	96 g / 100 x 53 mm	34 g / 73 x 20 mm
Made in Japan		



Card Size Caliper



CARD SIZE CALIPER

Thickness 0.3mm stainless caliper in card size. Easy to carry out. Can measure outer diameter, inner diameter, and depth. Additionally, can measure root diameter, interspace length with its thinness and arclength with its flexibility.

Item Code	203-053
Measuring Range	0 - 50 mm / 50 - 100 mm (Length only)
Resolution	0.05 mm
Material	Stainless
Weight / Dimensions	6 g / 86 x 54 x 0.3 mm
Made in Japan	

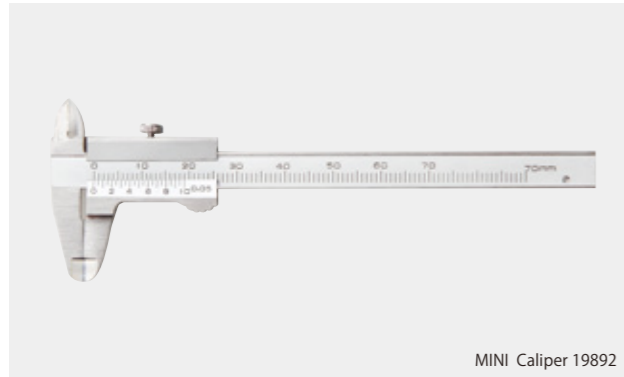


Mitutoyo Vernier Caliper

MITUTOYO VERNIER CALIPER

Traditional and best quality Vernier Caliper.

Item Code	203-080	203-081
Model	N-10R (530-100)	N-15R (530-102)
Measuring Range	0 - 100 mm	0 - 150 mm
Resolution		0.05 mm
Made in Japan		



MINI Caliper 19892

MINI CALIPER 70 MM

Compact, precise caliper. Range up to 70mm, outside and inside diameter, depth and level height measurement.

Item Code	203-059
Model	19892
Measuring Range	0 - 70 mm
Resolution	0.05 mm
Material	High Carbon Steel
Weight / Length	25 g / 110 mm

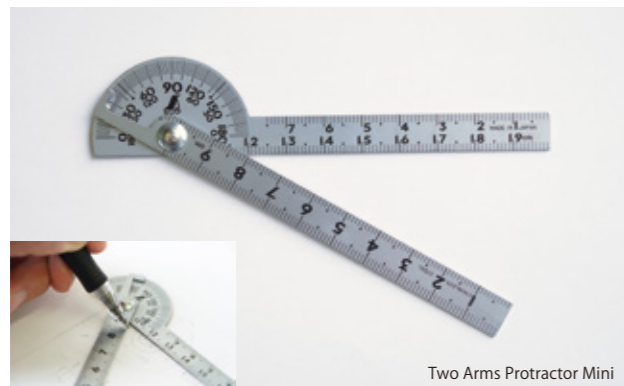


Caliper Plastic

CALIPER PLASTIC

Compact, light-weight, tough, made of polycarbonate. No damage to measuring object. Useful for Pearl measurement.

Item Code	203-072	203-073
Measuring Range	0 - 70 mm	0 - 100 mm
Resolution		0.1 mm

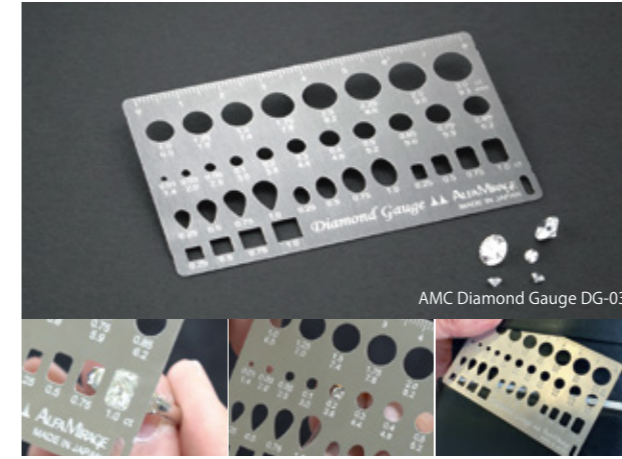


Two Arms Protractor Mini

TWO ARMS PROTRACTOR MINI

Compact size protractor for angle and length measurement and angle markings. Running in both directions (0° - 180°) with 10cm rule. Stainless steel, chrome-plated, matt surface with deep-etched scale enables excellent durability.

Item Code	203-089
Angle pitch size / Blade size	φ40 x 1.0 mm / 120 x 1.0 mm
Material	Stainless Steel
Weight	20 g
Made in Japan	



AMC Diamond Gauge DG-03

AMC DIAMOND GAUGE



This handy gauge enables you to estimate the carat of various shapes of diamonds from its diameter and shape. It works for Round Brilliant 0.01-3.0ct (19 types) stones as well as Pear Shaped, Oval, Emerald and Square 0.25-1.0ct (4 types). Card sized gauge fits in every wallet, card holder and easy to carry out. Very useful for carat estimation, business and buying diamonds.

Item Code	203-090
Model	DG-03
Measuring Range	Round Brilliant 0.01 - 3.0 ct (19 types) Pear Shaped, Oval, Emerald and Square 0.25 - 1.0 ct (4 types)
Ruler	0 - 80 mm
Material	Stainless Steel
Dimensions	85 x 54 x 0.3 mm (card size)
Accessory	Plastic card case
Made in Japan	



MKS Diamond Gauge

MKS DIAMOND GAUGE

Tiny size Diamond gauge. Can put together with loupe or put in wallet or card case.

Item Code	203-044
Measuring Range	0.01 - 1.0 ct
Size	40 x 13 mm
Made in Japan	



Economy Diamond Sieve

ECONOMY DIAMOND SIEVES

This set contains 43 plates sizes 000-20. Each set is supplied with a leather case.

Item Code	203-032	203-033
Diameter	50 mm	70 mm
Plate	43 pcs	43 pcs



AMC Bracelet Gauge

AMC Necklace Gauge

AMC NECKLACE & BRACELET GAUGE

Put the gauge on the neck or wrist to measure the most suitable length of necklace or bracelet. It has gauge increments of 1cm. Very useful and good demonstration for having customs length order.

Item Code	203-084	203-083
Product Name	Bracelet Gauge	Necklace Gauge
Size	14 - 26 cm	30 - 85 cm
Increment		1 cm
Weight	10 g	30 g



203-004

203-082

203-010

JAPANESE RING STICK AND GAUGE

Japanese size most popular ring sticks and gauges.

Item Code	203-004	203-082	203-010
Product Name	Ring Stick Gauge		Ring Gauge
Model	40030	40031	40610
Type	Aluminum	Plastic	Half Round
Ring Size	No.3-27	No.3-27	No.1-30
Made in Japan			



Blade Surface Shape

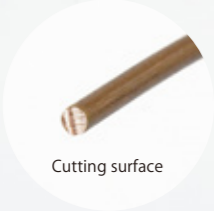


AMC WA-NIPPERS UT



New Wa-nippers UT-125 are designed and developed for especially jewelry making. It realized both the cleanly cutting surface, and durability. Compact 125mm body size can handle easily for precise works. You can enjoy sharp cutting and save time for next processing.

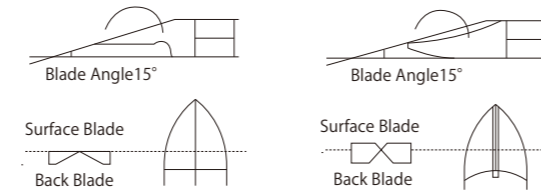
Item Code	301-166
Model	UT-125
Cutting Capacity	Copper Wire 2.0 mm
Material	S58C
HRC	56 - 64
Weight / Length	80 g / 125 mm
Made in Japan	



Blade Surface Shape

Flat type **MJ-15F**

Round type **MJ-15**

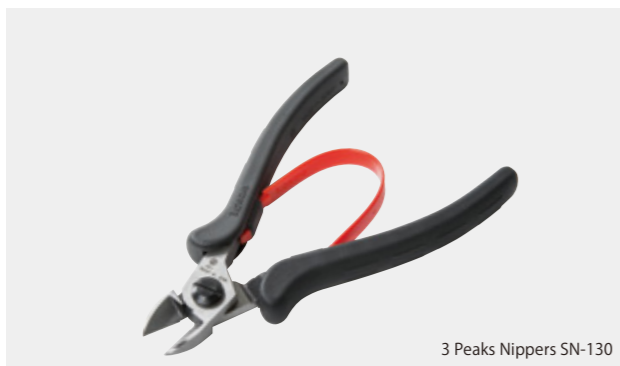


AMC WA-NIPPERS MJ



"Wonderful Cutting Feeling" & "Beautiful Cutting Surface"
Regular item but we pursuit until the specification limits!
Last finish by Japanese Artisan brings wonderful cutting feeling!
Coiled spring enables easy and continuous operation.

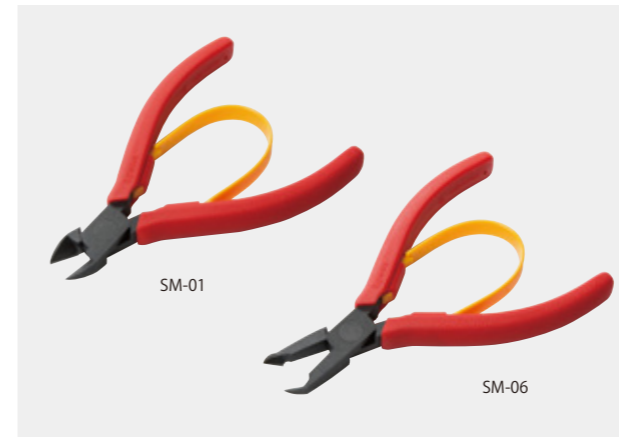
Item Code	301-140	301-141
Model	MJ-15F	MJ-15
Material	S58C	S58C
HRC	52 - 60	56 - 64
Weight / Length	150 g / 150 mm	155 g / 150 mm
Made in Japan		



3 PEAKS NIPPERS SN-130

Compact, sharp tip and high cutting capacity nippers. Excellent work for thin stainless wire or piano wire. Master craftsmen are sharpening the tip one by one.

Item Code	301-018
Model	SN-130
Weight / Length	90 g / 133 mm
Cutting Capacity	Iron Wire 2.0 mm
Made in Japan	



3 PEAKS NIPPERS / EDGE CUTTING NIPPERS

Compact, light, and sharp tip nippers with elastomer grip which fits in the hand well. SM-01 is suitable for fine works due to its compact size. SM-06 has the blade with angle of 42 degrees and fine tip, suitable for cutting in narrow areas where regular nippers can't cut.

Item Code	301-021	301-051
Model	SM-01	SM-06
Weight / Length	55 g / 100 mm	55 g / 115 mm
Cutting Capacity	Copper Wire 1.6 mm	Copper Wire 1.0 mm
Made in Japan		



TOP ELECTRO NIPPERS

TOP Electro Nippers are mainly applicable to sophisticated electronics, watches, jewelry, goldsmith etc. Comfort grip with special blade enables you to work easily. Stainless steel blades excel for rust and wear resistance.

Item Code	301-100	301-146
Model	ENI-115	ENI-100
Weight / Length	45 g / 115 mm(White color handle)	50 g / 108 mm(Red color handle)
Cutting Capacity	Copper Wire 1.2 mm	
Made in Japan		



MICRO NIPPERS NS-06

One of the most popular nippers in Japanese jewelry market with reasonable price and its performance.

Item Code	301-012
Model	NS-06
Weight / Length	52 g / 105 mm
Cutting Capacity	Copper Wire 0.8 mm
Made in Japan	



XURON NIPPERS

A strong and durable nippers that are ideal for jewelry making, wire crafts and various use. Micro-Shear Flush cut is designed to cut metal leaving a flush finish cleanly and smoothly.

Item Code	301-068	301-069	301-070
Model	2175	9200	170 II
Weight / Length	91 g / 150 mm	64 g / 135 mm	54 g / 130 mm
Cutting Capacity	Soft Wire 1.6 mm		



HOZAN PRECISION NIPPERS

ESD safe precision nippers for fine copper wire.
N-55: The blade tip is thin and suitable for work in narrow spaces.
N-57: The blade is thicker than N-55 and more durable.
N-58: N-57 with a lead stopper. It prevents debris from scattering and accidents.

Item Code	301-023	301-024	301-025
Model	N-55	N-57	N-58
Blade Type	Full-Flash Cut	Semi-Flash Cut	
Weight / Length	40 g / 105 mm		
Cutting Capacity	Copper Wire 1.0 mm		Copper Wire 0.18 - 0.8 mm
Made in Japan			



3 Peaks Green Cutters

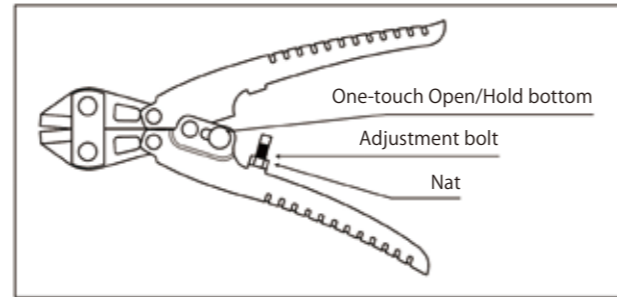


3 PEAKS GREEN CUTTERS

Reputable in the world Jewelry market. High quality Jewelry cutters for casting tree. Perfectly shaped tip-end which goes inside of the casting tree easily. Blade is made of special steel, has outstanding cutting and durability with rational sharpening and perfect heat treatment. Handle open with spring structure, and you can operate with one hand easily. Blade opening width can be set with adjustment bolt and nat. 4 different blade types available for various tasks.

Item Code	301-015	301-016	301-084	301-017
Model	GC-200	GN-200	GN-200 J Type	EC-200
Weight / Length	270 g / 200 mm		255 g / 200 mm	
Cutting Capacity	Steel Wire 1.5 mm, Iron Wire 4.0 mm			

Made in Japan



NILE SPRUE CUTTERS

Nile Sprue Cutter has established worldwide high reputation since it was produced for the first time in 1967. "Nile" air cutters help you to achieve higher productivity and remarkable cost saving in cutting jobs. Different types of replaceable cutting blades are available.



Nile Sprue Cutters

Cutter Body

Item Code	302-001	302-002	302-003
Model	MR20	MP25A	MP35A
Length & Diameter	140 mm / 45 mm	190 mm / 45 mm	268 mm / 56 mm
Power	140 kg	160 kg	450 kg
Air Pressure		5 - 6 kg / cm ²	

Accessories

Item Code	302-008	302-009	302-010	302-011	302-012
Product Name	Straight Hose	Curl Hose	Stand (MR20 / MP25A)	Stand (MP35A)	Foot Pedal
Model	UH-2	SE-40	-	-	FB-70S

Change Blade

Item Code	302-004	302-005	302-023	302-007
Model	S5	EP10P	Z8P	S7P
Application	MP25A/MR20		MP35A	

*Other change blades are available.

Made in Japan



STAINLESS STEEL PLIERS WITH RUBBER GRIP

Pliers with the colorful rubber grip are designed for detailed works and provide different nose shapes for various purposes depending on the situation. It is comfortable to use because of its unique return spring helps your work easily and always comes back to the open position.



Item Code	301-006	301-007	301-008	301-075	301-076
Model	No. 251	No. 252	No. 253	No. 256	No. 257
Shape	Half Round	Round & Half Round	Round	Concave & Convex	Caulking
Length / Color	135 mm / Blue	135 mm / Orange	135 mm / Yellow	135 mm / Black	160 mm / Green

Item Code	301-077	301-086	301-087	301-088
Model	No. 258	No. 251-N	No. 252-N	No. 253-N
Shape	Flat	Flat (Nylon Covered)	Round & Flat (Nylon Covered)	Round (Nylon Covered)
Length / Color	140 mm / Gray	135 mm / Blue	135 mm / Orange	135 mm / Yellow

Made in Japan



Edge Bender

EDGE BENDER PLIERS

Quite useful when processing to make an angle as well as clamping the joint parts of a necklace and bracelet. The nose is designed in a triangular shape so that the power can be put on the point of application well.

Item Code	301-092	301-091
Product Name	Edge Bender Mini	Edge Bender
Shape	Short Nose Flat	Long Nose Flat
Weight / Length	45 g / 130 mm	56 g / 160mm

Made in Japan



3 Peaks Pliers SM

3 PEAKS PLIERS SM

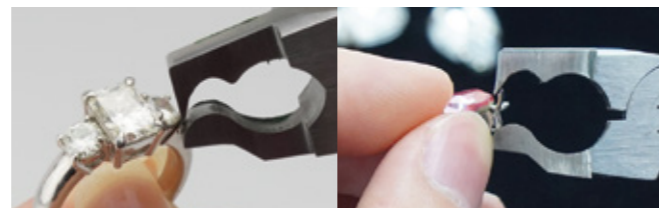
Compact handy sized round nose and chain nose pliers. Perfect for precise works. Made in Sanjo, Japan.

Item Code	301-059	301-165
Model	SM-08	SM-09
Shape	Round nose	Chain nose
Weight / Length	60 g / 115 mm	

Made in Japan



Prong Lifter



PRONG LIFTER



Pliers for taking the stones out from the ring. No technique is required. Stone will not be damaged. Long-seller item from Alfa Mirage.

Item Code	301-011
Weight / Length	102 g / 130 mm
Made in Japan	



Ring Cutter

RING CUTTER

Emergency ring cutting tool. It helps remove rings from fingers quickly and safely.

Item Code	301-147
Weight / Dimensions	69 g / 40 x 40 x 120 mm
Option	Replacement blade (301-148)



Craft Scissors Chikamasa

CRAFT SCISSORS CHIKAMASA

Craft Scissors CHIKAMASA are an excellent choice for cutting hard-to-cut beading threads such as WildFire and FireLine featuring the strength and hardness. Manufactured under beads accessory making expert's guidance. Even though the edge is thin, they offer the sharpness and durability for an ideal cut for all users.

Item Code	301-132
Weight / Length	30 g / 130 mm
Made in Japan	



Metal Cutting Scissors

METAL CUTTING SCISSORS

Hand-made exclusive metal cutting scissors which used Stainless (SUS420J2) with heat treatment. Works good for cutting thin metal sheet. You can feel the craftman's commitment to quality of the scissors from handle to tip. Can be used for many years by sharpening the blade.

Item Code	301-137
Size	115 x 45 mm (tip 20 mm)
Made in Japan	

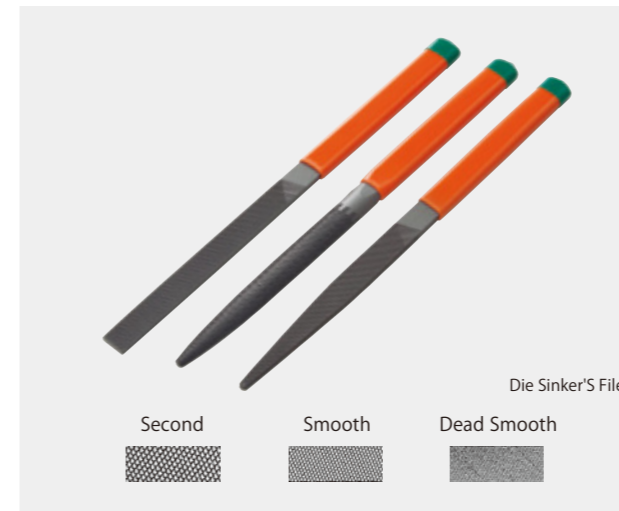


Soft Material Cutters

SOFT MATERIAL CUTTERS

Designed for cutting soft material, leather belt, leather products, rubber tube, cable cover, hose, wood, animal born, gardening trees etc. Blade and plastic plate can be replaced. Model SX7 has used ratchet mechanism, so that you can cut easily with light grip strength.

Item Code	301-104	301-130
Model	SX5	SX7
Weight / Length	170 g / 195 mm	245 g / 230 mm
Blade Open-width(tip)	24 mm	34 mm
Blade Length	53 mm	65 mm
Replacement Blade / Plate	X5 / PB-SX5	X7 / PB-SX7
Made in Japan		



Die Sinker'S File
Second Smooth Dead Smooth

DIE SINKER'S FILE

Universal type of file, cut easily, sharp, wide.

Length 215mm / 5pcs per pack

Type (mm)	Hand (11 x 3.5)	1/2 Round (12 x 3.8)	Round (φ 5.5)
Cut#2 (Green 2nd)	305-212	305-213	305-287
Cut#3 (Yellow Smooth)	305-215	305-216	305-290
Cut#4 (Black D.smooth)	305-218	305-219	305-293

Type (mm)	Sruare (5.5)	Triangular (9.0)	Flat-Tapper (11 x 3.5)
Cut#2 (Green 2nd)	305-288	305-289	305-214
Cut#3 (Yellow Smooth)	305-291	305-292	305-217
Cut#4 (Black D.smooth)	305-294	305-295	305-220

*Other sizes and shapes are available.
Made in Japan



5 pcs 8 pcs

10 pcs 12 pcs

UO-CHIKYU Precision Needle File

UO-CHIKYU PRECISION NEEDLE FILE

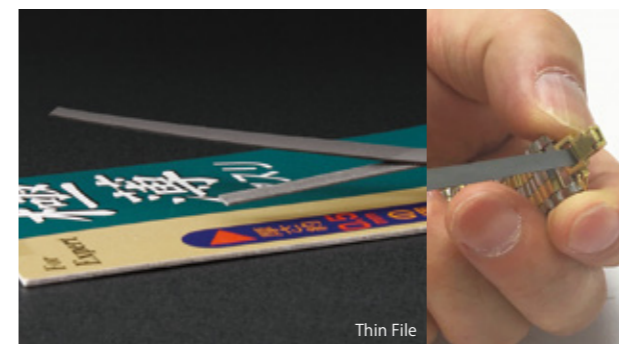
Teeth / Set	5pcs (Φ3.9x200 mm)	8pcs (Φ3.4x180 mm)
#6 (standard)	304-248	304-250
#3	304-249	304-251

Teeth / Set	10pcs (Φ2.9x160 mm)	12pcs (Φ2.4x140 mm)
#6 (standard)	304-262	304-264
#3	304-263	304-265

Shape

Hand	1/2Round	Round	Square	3-Square	Barette
5 pcs	5 pcs	5 pcs	5 pcs	5 pcs	5 pcs
8 pcs	8 pcs	8 pcs	8 pcs	8 pcs	8 pcs
10 pcs	10 pcs	10 pcs	10 pcs	10 pcs	10 pcs
12 pcs	12 pcs	12 pcs	12 pcs	12 pcs	12 pcs
8 pcs	8 pcs	10 pcs	10 pcs	12 pcs	12 pcs
10 pcs	10 pcs	12 pcs	12 pcs		
12 pcs	12 pcs				

Made in Japan



Thin File

THIN FILE

Thickness 0.5mm thin and flat file. Good for filing intricate design works or narrow space.

Item Code	304-293	304-294
Model	GY-1 (Fine)	GY-2 (Medium)
Up-Cut (per 25 mm)	128	70
Size	140 x 4 mm / Dressing 40 mm	

*No-coated file, so please stored in grease paper after used.
Made in Japan



File Cleaner

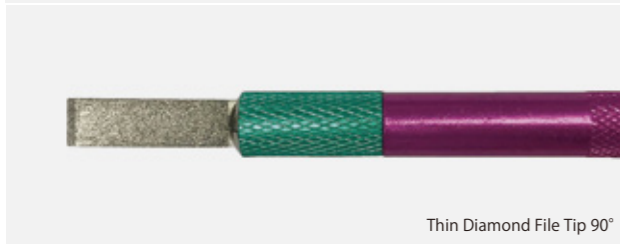
FILE CLEANER

Light weight with plastic handle File cleaner. Works great in removing small particles that clog teeth.

Item Code	304-490
Weight / Dimensions	20 g / 29 x 151 x 14 mm



Thin Diamond File Tip 22°



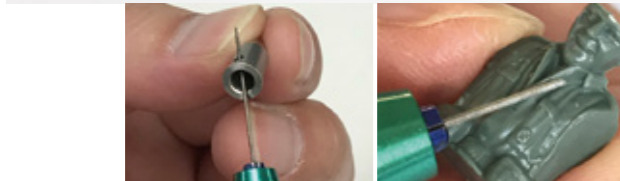
Thin Diamond File Tip 90°



Holder

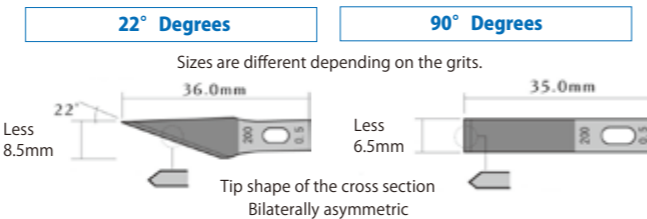


Ultra-Slim Diamond File "Microfinish"



Diamond Files Set

Blade Shape



THIN DIAMOND FILE

Ultra-thin Diamond electroplated file, which can get in and file the parts where any other tools cannot reach. Available from thickness from 0.3, 0.4 and 0.5mm, with 4 different diamond grits and 2 angle tips. File base is used strong, pliancy metal, and tip will not break easily. Tip can be set on Hand holder, Ultrasonic polisher or Hammering tools as well.

Thin Diamond File Tip

Item Code (22 degrees)	305-271	305-272	305-273	305-274	305-275
Item Code (90 degrees)	305-276	305-277	305-278	305-279	305-280
Thickness	0.3 mm	0.4 mm	0.5 mm		
Grits	#800	#600	#400	#400	#200

Holder

Item Code	305-286
Product Name	Holder for Thin Diamond File Tip
Weight / Dimensions	15 g / φ8 x 120 mm

ULTRA-SLIM DIAMOND FILE

Electrodeposition diamond files, Microfinish, round and square types and lineup with different sizes and grits. These extremely slim diamond files can get into small and narrow areas, intricately designed places, which hard to access with conventional tools. Both ends Diamond files, and can be set on Pin vise or Mechanical pencil.

Square Type

Size / Length 60 mm	#600	#800
0.5 mm (0.5 x 0.4 mm)	305-245	305-246
0.7 mm (0.6 x 0.5 mm)	305-247	305-248

Round Type

Size / Length 50 mm	#200	#400	#600	#800
φ0.3 mm	-	-	305-249	-
φ0.4 mm	-	305-250	305-251	305-252
φ0.5 mm	-	305-253	305-254	305-255
φ0.7 mm	-	305-256	305-257	305-258
φ0.9 mm	-	305-259	305-260	305-261
φ1.0 mm	305-262	-	-	-

Made in Japan

DIAMOND FILES

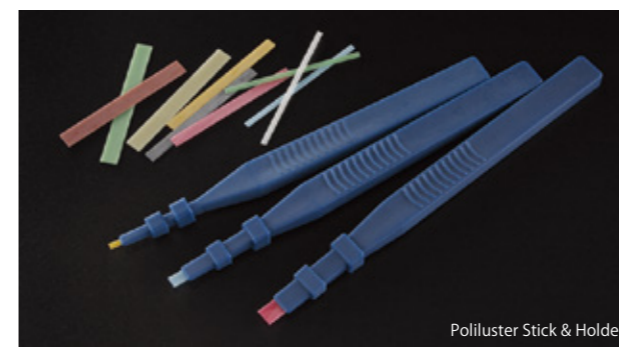
Needle files with industrial diamond into the surface on the file. It works well for fine, details with its small size files. Color-coded handles for fast, sure access to the one you need.

Item Code	304-266	304-267
Model	TLD-5	TLD-4
Length	Cutting surface 40 mm, Length 100 mm	
Contents	5 Assortment (Flat, Half-round, Square, Triangle, Round)	4 Round shape (φ0.8, 1.0, 1.2, 1.5 mm)

Made in Japan



Diamond Abrasive Sheet



Poliluster Stick & Holder

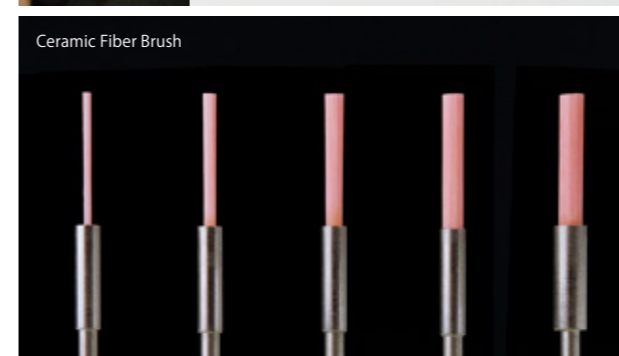


0.5 mm set

0.9 mm set



Cera-Stone 2.35X50



Ceramic Fiber Brush

DIAMOND ABRASIVE SHEET

Electro-plated diamond abrasive sheets. Cutable freely to your desired size with scissors or a knife. Used brass sheet on back, so it is soft and easy to handle. Also, it has adhesive, so you can attach and use it.

Item Code	304-465	304-466	304-467	304-468	304-469
Grit	#150	#200	#400	#600	#1000
Size	50 x 100 mm				

Made in Japan

POLILUSTER STICK

Poliluster Sticks are made of ceramic abrasive stone. They have excellent polishing ability even under every strenuous condition. Non-clogging, and beautiful polishing result on all types of metals in small and detailed area. They can be used by hand with Hand holders, or in machining with Ultrasonic machine, Reciprocating electric tool. Color-coded in grit #120 to #1200 to identify easily.

Item Code	304-297	304-298	304-299
Product Name	Poliluster Stick Holder		
Size	2 mm	4 mm	6 mm

Product Name	Poliluster Stick		
Dimensions	2 x 0.5 x 50 mm	4 x 0.5 x 50 mm	6 x 0.5 x 50 mm
Grit	#120, #180, #300, #400, #600, #800, #1000, #1200		

Made in Japan

POLILUSTER PENCIL

Extra fine ceramic fiber makes it possible to bring luster by polishing detailed areas such as the corner, edge and chase of a ring just like drawing. It is improved long-life service. Refill with different sizes and grits are available.

Pencil Set

Item Code	304-276	304-277
Model	0.5 mm set	0.9 mm set
Contents	Pencil, Poliluster #800 x 1 pc, #1200 x 1 pc	

Pencil Poliluster Refill

Item Code	304-278	304-279	304-280	304-281
Model	0.5 mm (10 pcs)		0.9 mm (10 pcs)	
Grit	#800(Blue)	#1200(Red)	#800(Blue)	#1200(Red)

Made in Japan

CERA-STONE

Innovative color-coded abrasive in a variety of grits. It is made of alumina fiber, glass fiber and epoxy resin. Tough, less clogging and last long. Shape the tip with abrasive paper to polish detail parts and corner edge.

Item Code	304-139	304-140	304-141	304-142	304-143
Grit	Brown #180	Orange #250	Black #280	N-Blue #360	L-Blue #400
Outer Diameter / Length	φ2.35 x 50 mm				

Item Code	304-144	304-145	304-146	304-147
Grit	Green #500	Yellow #700	Pink #1000	Red #1200
Outer Diameter / Length	φ2.35 x 50 mm			

Made in Japan

CERAMIC FIBER BRUSH

Latest ceramic fiber abrasives brush points. It has good resilience, and dose not expand during rotation. Fiber brush can get into the prong inside or decoration detail parts to polish. Appropriate rpm is 3000 to 10000 (maximum 15000rpm). Abrasive particles are on top of the tip. (Side of the brush cannot be used).

Item Code	304-435	304-436	304-437	304-438	304-439
Brush Diameter	φ1.0 mm	φ1.5 mm	φ2.0 mm	φ2.5 mm	φ3.0 mm
Grits	#1500 equivalent effect				
Size	φ2.34 x 52 mm, Brush 15 mm				

Made in Japan



Sand Paper Holder



SAND PAPER HOLDER

Just put your abrasive paper (approx. 76 x 41mm) around the stick and set. It can put not only abrasive paper, but also the cloth.

Item Code	304-326	304-325	304-382
Model / Type	SPR-2 / Round	SPR-1 / Square	SPR-3 / Round-Mini
Dimensions	215 x φ8 mm	215 x 8 x 8 mm	215 x φ5 mm

Made in Japan

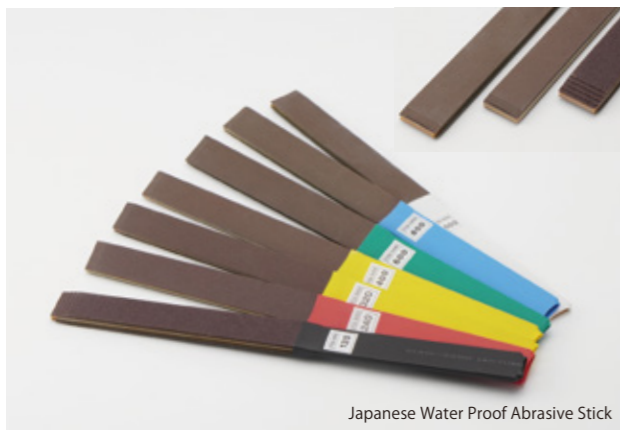
SANDING HOLDER

Paper abrasive, polishing cloth can be set on the holder. Plastic handle can help filing work easy.

Item Code	304-491
Size	270 mm, Abrasive 125 x 25 mm



Sanding Holder



Japanese Water Proof Abrasive Stick

JAPANESE WATER PROOF ABRASIVE STICK

Attached High-Quality KOVAX abrasive papers are pasted 5 sheets each on both sides of stick, in total 10 sheets. Dispose of each paper one by one after used. Just polish and then dispose it.

Item Code	304-226	304-227	304-228	304-229
Grit	#120	#240	#320	#400
One Side	5 sheets (Both Sides total 10 sheets)			
Size	Stick 18 x 250 x 7 mm Paper 18 x 145 mm			

Item Code	304-230	304-231	304-232
Grit	#600	#800	#1000
One Side	5 sheets (Both Sides total 10 sheets)		
Size	Stick 18 x 250 x 7 mm Paper 18 x 145 mm		

KOVAX WATERPROOF ABRASIVE PAPERS

Japanese top quality waterproof Abrasive paper to professionals. Aluminum oxide made waterproof sheets with flexible backing archives excellent cutting power, and remains unchanged the operation efficiency from beginning to end.

Item Code	304-181	304-182	304-183	304-184
Grit	#120	#240	#320	#400
Size	230 x 280 mm			
Contents	100 pcs / pack			

Item Code	304-185	304-186	304-187	304-188
Grit	#500	#600	#800	#1000
Size	230 x 280 mm			
Contents	100 pcs / pack			

Made in Japan



Kovax Waterproof Abrasive Papers

POLISHING SHEET MICRO POLINET

Micro-Polinet is very flexible sanding cloth using ultra fine screen-mesh cloth (100 mesh). Screen-meshed structure prevents from clogging, and you can polish exact point by seeing through it. Both sides can be used. Also it works with water or oil as well as dry polishing.

Item Code	304-220	304-222	304-223	304-224	304-225
Color / Grit	Indigo Blue #600	Red #1000	Blue #2000	Light Orange #3000	Grass Green #4000
Size	210 x 280 mm				
Contents	25 pcs / pack				

Made in Japan



Micro Polinet 100 Mesh



Satin Finish / Felt Sticks

SATIN FINISH / FELT STICKS

Perfect for producing precious metals with a nice SATIN finish! The stick type makes it easy to polish by hand. The abrasive attached on both side of the stick. Available in 4 color-coded grades depending on a finish.

Item Code	304-470	304-471	304-472	304-473
Color	Brown	Green	Red	White
Grit	Coarse	Medium	Fine	Felt
Size	Stick 250 x 18 mm / Abrasive 130 x 18 mm			



Sanding Rubber SABITO-RU

SANDING RUBBER SABITO-RU

Making satin finish surface by rubbing off like eraser. Also, they can remove dirt or make surface smooth. Used widely in watch and jewelry market as well as home cleaning appliance.

Item Code	304-412	304-411	304-410
Model (Grit)	#320 (Fine)	#120 (Medium)	#46 (Rough)
Weight / Dimensions	40 g / 65 x 40 x 10 mm		

Made in Japan



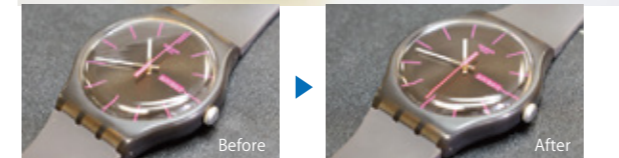
AMC Ultra Scratch Remover

AMC ULTRA SCRATCH REMOVER

Best solution for removing small scratches. Just apply it and wipe with soft clothes. Ultra-fine abrasive gives high luster finish just like a new. Very popular in the watch industry and often used for polishing watch windshields and watch bands. Suitable for the plastic, resin, metal, and acrylic glass. It also works well for soft materials like plastic as well as precious metal, gold, silver, PT and stainless.

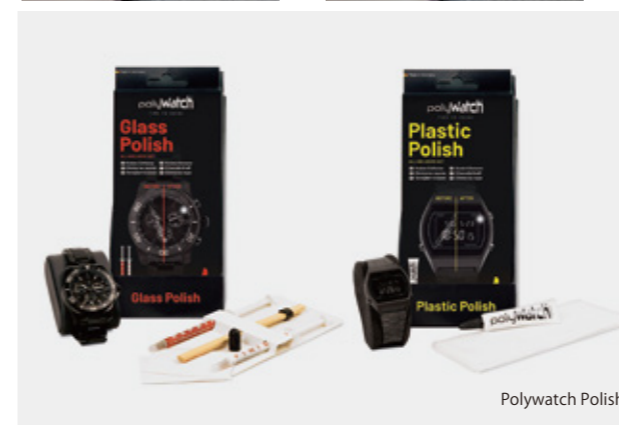
Item Code	601-117
Model	USR-5
Contents	28 g
Use for	Metal, Plastic, Resin etc

Made in Japan



Before

After



Polywatch Polish

POLYWATCH POLISH KIT

Plastic Polish offers a simple and reliable solution for removing scratches from plastic watch crystal. The unique paste, proven over millions of uses, even removes deeper scratches. Glass Polish is a high-performance diamond polish for all mineral and sapphire glass watch crystals. It removes fine, small and medium scratches and can be used for a multitude of jobs: Watches, car, furniture, household, windows, and much more.

Item Code	601-115	601-116
Type	Glass Polish kit	Plastic Polish kit
Contents	5g tube polyWatch, Polishing Cloth, Step-by-step instructions	1 syringe Repair Nr.1 (0.5 g), 1 syringe Finish Nr.2 (0.5 g), 1 polishing rod, 2 x 6 polishing strips, Step-by-step instructions

POLISHING PASTE GLANOL

Put a drop of Glanol on a dry cloth and clean gold, silver, etc. It is not only giving lustering but also serving as an antioxidant. During the production process, some people use for polishing, but others for cleaning up to get the dirt and rust away.

Item Code	601-046
Contents	100 g
Cleaning Method	Wipe out with soft cloth



Polishing Paste Glanol



Sakura

POLISHING COMPOUND SAKURA ▲▲ ALFAMIRAGE

Super shine polishing compound debut!! Higher grade than Midori, Blue series polishing compound. Abrasive articles are even sizes and does not leave scratch on metal. Designed especially for Finishing high shine, removing small scratches quickly and giving excellent shine. Enjoy polishing with the highest quality polishing compound on your jewelry.

Item Code	501-050
Model	Sakura
Weight	150 g
Application	Super luster/ Super lustering/ Super mirror finish
Made in Japan	



Midori

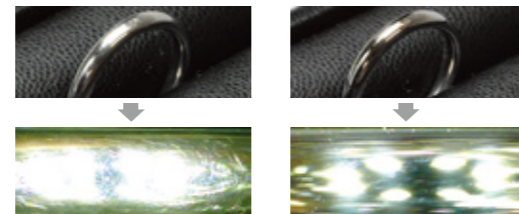
POLISHING COMPOUND MIDORI SERIES ▲▲ ALFAMIRAGE

Specially designed for mirror finish luster of Platinum, Gold and Silver. It gives beautiful high shine luster with its very fine grains. Another advantage is that you can finish buffing surface of metal clean without heavy stained black spot caused by buff heat so that you can just go on ultrasonic cleaning to finish.

*Tips (Please try with self-responsibility)
Little amount of this dry and fine abrasive could be used for polishing pearl or after rhodium plated to finish surface smooth.

Item Code	501-040	501-046
Model	Midori	Blue
Weight	150 g	
Application	Final / Lustering / Mirror finish	
Made in Japan		

Polished with other compound Polished with Midori / Blue

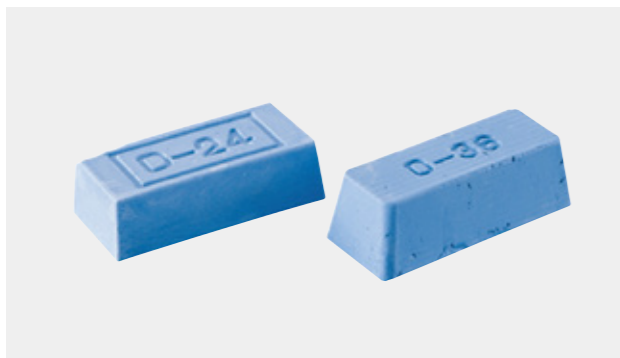


Blue

POLISHING COMPOUND D-24 / D-36

Excellent medium dry compounds for silver, white gold and any white metals. D series have a composition with a very light cutting and high luster finish. D-36 works for stainless, titanium, and also plastic.

Item Code	501-011	501-012
Model	D-24	D-36
Weight	460 g	480 g
Application	Lustering	Lustering
Made in Japan		



POLISHING COMPOUND KOYO

High quality polishing compound helps productivity and good finish. ALOX-5: For final finish, to achieve a distinctive luster. Green Rouge K-1: General purpose for preliminary finishing applications.

Item Code	501-002	501-003
Model	KOYO ALOX-5	KOYO Green Rouge K-1
Weight	320 g	480 g
Application	Final	Lustering
Made in Japan		



Alox-5

K-1



NW Series

POLISHING COMPOUND NW SERIES

The finest compounds for polishing ultra bright finishing for platinum. NW Series are manufactured under strict quality control.

*Polishing must be done in steps in order to achieve best results.

Item Code	501-015	501-016	501-017	501-018	501-019	501-020	501-021	501-022
Model	#800	#1000	#1500	#2000	#2500	#4000	#6000	#8000
Weight	400 g	400 g	400 g	400 g	300 g	230 g	230 g	230 g
Application	First		Medium		Fine		Final	Super Shine
Made in Japan								

BUFF

High-quality Japanese buff made of high-end materials. There are two types depending on the polishing process.

Unstitched
Standard buff



Stitched
Stiffer than unstitched buff



Made in Japan

GREEN BUFF

Medium
Most popular standard buff. Excellent medium finish for gold, silver, and PT.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-001	Unstitched	φ 150	φ 15	25
307-002	Unstitched	φ 125	φ 12.7	25
307-003	Unstitched	φ 100	φ 12.7	25
307-004	Unstitched	φ 80	φ 3	25
307-005	Stitched	φ 150	φ 15	25
307-006	Stitched	φ 125	φ 12.7	25
307-007	Stitched	φ 100	φ 12.7	25
307-008	Stitched	φ 80	φ 3	25

PINK BUFF

Medium
Stiffer than green buff. Excellent medium finish for PT, WG.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-009	Unstitched	φ 150	φ 15	25
307-010	Unstitched	φ 125	φ 12.7	25
307-011	Unstitched	φ 100	φ 12.7	25
307-012	Unstitched	φ 80	φ 3	25
307-013	Stitched	φ 150	φ 15	25
307-014	Stitched	φ 125	φ 12.7	25
307-015	Stitched	φ 100	φ 12.7	25
307-016	Stitched	φ 80	φ 3	25

BLUE BUFF

Medium / Final
Softer than green buff. Very popular among craftsmen for final finish. Excellent for silver, PT.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-017	Unstitched	φ 150	φ 15	25
307-018	Unstitched	φ 125	φ 12.7	25
307-019	Unstitched	φ 100	φ 12.7	25
307-020	Stitched	φ 150	φ 15	25
307-021	Stitched	φ 125	φ 12.7	25
307-022	Stitched	φ 100	φ 12.7	25

CALICO BUFF

Mirror / Final
Calico is fine, weave, thin and supple. Ideal for finishing due to resistance to polishing marks. Excellent for Gold, PT.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-023	Unstitched	φ 150	φ 15	25
307-024	Unstitched	φ 125	φ 12.7	25
307-025	Unstitched	φ 100	φ 12.7	25
307-026	Unstitched	φ 80	φ 3	25
307-027	Stitched	φ 150	φ 15	25
307-028	Stitched	φ 125	φ 12.7	25
307-029	Stitched	φ 100	φ 12.7	25
307-030	Stitched	φ 80	φ 3	25

CHAMOIS BUFF

Mirror
Chamois is soft, pliant leather which provides beautiful mirror finish. Excellent for silver, WG, PT.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-031	Unstitched	φ 150	φ 15	25
307-032	Unstitched	φ 125	φ 12.7	25
307-033	Unstitched	φ 100	φ 12.7	25
307-034	Unstitched	φ 80	φ 3	25

CHAMOIS COMBINATION BUFF

Mirror
Combination of high-grade chamois leather and soft flannel cloth. Excellent for PT and silver.

Item Code	Type	Diameter (mm)	Hole Size (mm)	Ply
307-035	Unstitched	φ 150	φ 15	25
307-036	Unstitched	φ 125	φ 12.7	25
307-037	Unstitched	φ 100	φ 12.7	25
307-038	Unstitched	φ 80	φ 3	25

MINI BUFF

Made in Japan

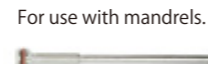
High-quality Japanese buff made of high-end materials. Designed for polishing small and difficult to reach areas.



Unstitched
Standard buff



Stitched
Stiffer than unstitched buff











For use with mandrels.

MINI GREEN BUFF				MINI PINK BUFF				MINI BLUE BUFF			
											
Medium				Medium				Medium / Final			
Most popular standard buff. Excellent medium finish for gold, silver, and PT.				Stiffer than green buff. Excellent medium finish for PT, WG.				Softer than green buff. Very popular among craftsmen for final finish. Excellent for silver, PT.			
Item Code	Type	Diameter	Contents	Item Code	Type	Diameter	Contents	Item Code	Type	Diameter	Contents
307-039	Unstitched	φ20 mm	12 pcs	307-041	Unstitched	φ20 mm	12 pcs	307-043	Unstitched	φ20 mm	12 pcs
307-040	Stitched	φ20 mm	12 pcs	307-042	Stitched	φ20 mm	12 pcs				
MINI CALICO BUFF				MINI CHAMOIS BUFF				MINI CHAMOIS COMBINATION BUFF			
											
Mirror / Final				Mirror				Mirror			
Calico is fine, weave, thin and supple. Ideal for finishing due to resistance to polishing marks. Excellent for Gold, PT.				Chamois is soft, pliant leather which provides beautiful mirror finish. Excellent for silver, WG, PT.				Combination of high-grade chamois leather and soft flannel cloth. Excellent for PT and silver.			
Item Code	Type	Diameter	Contents	Item Code	Type	Diameter	Contents	Item Code	Type	Diameter	Contents
307-044	Unstitched	φ20 mm	12 pcs	307-046	Unstitched	φ20 mm	12 pcs	307-047	Unstitched	φ20 mm	12 pcs
307-045	Stitched	φ20 mm	12 pcs								

MINIATURE MANDRELS

Precision model Onoshima brand, quality miniature mandrels 2.34mm shank. Stable, no vibration, excellent for diamond, polishing disks, polishing buff, all precision works.

Item Code	Model	Style	Shape	Item Code	Model	Style	Shape
304-444	Precision (Made in Japan)	Regular		304-449	Standard (Made in Korea)	Regular	
304-445		Reverse		304-450		Reinforced	
304-446		1/2-head		304-451		Large-head	
304-447		Large-head					
304-448		With-Cap					



Mini Chuck

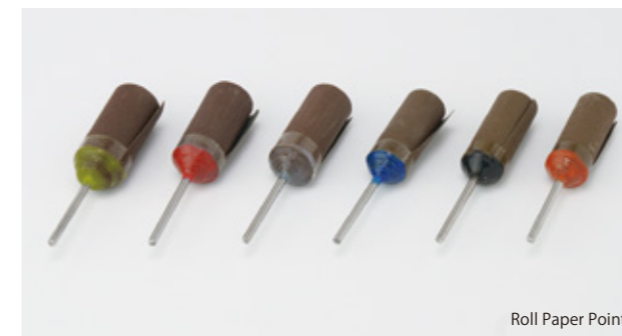
MINI CHUCK

Tip metal has well and properly quenched and keep strength. Drill wobbling is minimum and make it possible for smooth and stable rotating, drilling works.

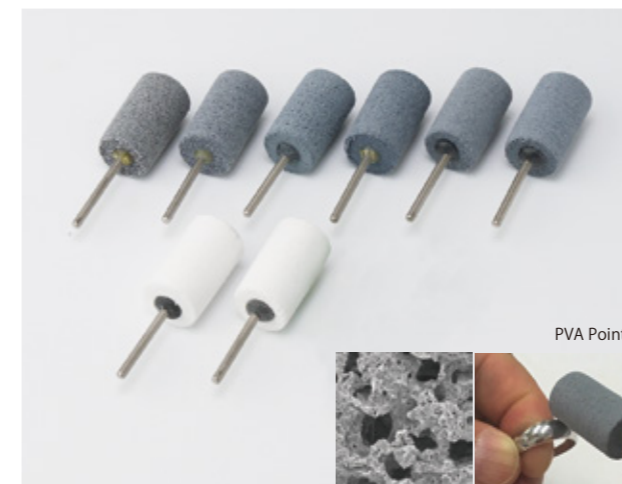
Item Code	304-356	304-357
Bit size	0.1 to 0.9 mm	1.0 to 1.5 mm
Shank	2.34 mm	
Made in Japan		



Diamond Disk



Roll Paper Point



PVA Point

DIAMOND DISK

High cost-performance Diamond disk. Good for cutting, polishing, and burring. Please use with miniature mandrel.

Item Code	304-452	304-453	304-454	304-455	304-456	304-457
Grit	#200	#600	#1200	#200	#600	#1200
Size	φ25 x 0.3 mm			φ22 x 0.1 mm		

Made in Japan

ROLL PAPER POINT

It has around 550mm length (450mm for #240) Japanese Aluminium oxide abrasive paper rolled up and it is marked different colors for different grits. Just tear off the paper after used. Save time and enhance working efficiency with high quality abrasive paper. Maximum speed of rotary hand piece less than 8,000 rpm.

Item Code	304-118	304-119	304-120	304-121	304-122	304-123
Grit	#240	#320	#400	#600	#800	#1000
Size	φ11-15 x 27 mm					

Made in Japan

PVA POINT

Made from PolyVinyl Alcohol and much characterized by its sponge type structure. It has elasticity effect, providing smooth mirror finish without scratches and heat generation. Good for polishing Gold, Silver and PT, and at the same time it brings good shine. Works good especially silver mid to final finish.

Item Code	304-001	304-002	304-003	304-004	304-005	304-006
Grit	#120	#220	#320	#400	#600	#800
Cut	Rough					
Size	φ15 x 25 mm					

Made in Japan

Item Code	304-007	304-008
Grit	#1000	#1500
Cut	Medium	Medium-fine
Size	φ15 x 25 mm	

Made in Japan

ZIRCONIA ROTARY CUTTER

Capable of cutting resin, wax, and plastic as well as creating a smooth surface. Zirconia has less heat generation during cutting, and good with heat sensitive materials. Can wash off the cutting dust with water.

Item Code	304-474	304-475	304-476	304-477	304-478	304-479
Model	Corn			Bullet		
Grit	Extra course	Medium	Fine	Extra course	Medium	Fine
Size	φ6 x 14 mm					

Item Code	304-480	304-481	304-482	304-483	304-484	304-485
Model	Cylinder			Slim-nose		
Grit	Extra course	Medium	Fine	Extra course	Medium	Fine
Size	φ6 x 12 mm			φ2.35 x 14 mm		

Made in Japan










CUSHION POLISHER

Finishing polisher which made of nylon non-woven fabric with abrasive articles. Flexible form and can fit well with curve, flat, and inside. Long lasting with nylon fabric abrasives, less clogging, and easy to use. Good for making surface of metal, as well as satin finishing on jewelry.

Item Code	304-486	304-487	304-488	304-489
Grit	#180	#240	#320	#400
Color	Brown	Red	Red-purple	Green
Size	φ20 x 10 mm			
Material	Non-woven nylon fabric with abrasive			

Made in Japan

Busch Jewelers Burs

Item	Shape	Size(mm)	Contents	Item	Shape	Size(mm)	Contents	Item	Shape	Size(mm)	Contents
Fig.1		0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.3 3.5 3.7 4.0 4.2 4.5 4.7 5.0	6	Fig.6		0.6 0.7 0.8 0.9 1.0 1.2 1.4 1.5 1.6 1.8 2.1 2.3 2.5 2.7 2.9 3.1 3.3 3.5 4.0 4.5 5.0	6	Fig.36		0.6 0.7 0.8 0.9 1.0 1.2 1.4 1.6 1.8 2.1 2.3 2.5 2.7 2.9 3.1	6
		5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0	2								
Fig.38		0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.8 2.1 2.3 2.5 2.7 2.9 3.1	6	Fig.203		0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3	6	Fig.412		1.0 1.4 1.6 1.8 2.1 2.3 2.5 2.7 2.9 3.1 3.5 4.5 5.0 6.0 7.0 8.0 10.0	6 2
Fig.413		1.0 1.25 1.5 1.75 2.0 2.25 2.5 2.75 3.0 3.25 3.5 3.75 4.0 4.25 4.5 4.75 5.0	6	Fig.414		0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.3 3.5 3.7 4.0 4.2 4.5 4.7 5.0	6	Fig.446		0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.3 2.5 2.7 2.9 3.1 3.3 3.5 3.7 4.0 4.2 4.5 4.7 5.0	6
		5.25 5.5 5.75 6.0 6.5 7.0 7.5 8.0	2			6.0 7.0	2				



Steel Bur Case

STEEL BUR CASE

Compact steel bur cases. Can store and pick up what you want quickly. Model CP20 has separate cell for each bur. Model Red places the sponge cushion.

Item Code	304-462	304-461
Model	CP20	Red
Storage	20 pcs	19 pcs
Dimensions	100 x 65 x 13 mm	100 x 60 x 15 mm



Super Q Saw Blade

SUPER Q SAW BLADE

The new Super Q Saw Blades features the "5S" technology...SUPER Flexible, SUPER Precision, SUPER Quality, SUPER Alloy and SUPER Sharpness! Look no further than Super Q Blades and you will be surprised how flexible this blade is!

Item Code	305-199	305-200	305-201	305-202	305-203	305-204	305-205
Size	#8/0	#6/0	#5/0	#4/0	#3/0	#2/0	#0

Item Code	305-206	305-207	305-208	305-209	305-210	305-211
Size	#1	#2	#3	#4	#5	#6

Made in Germany

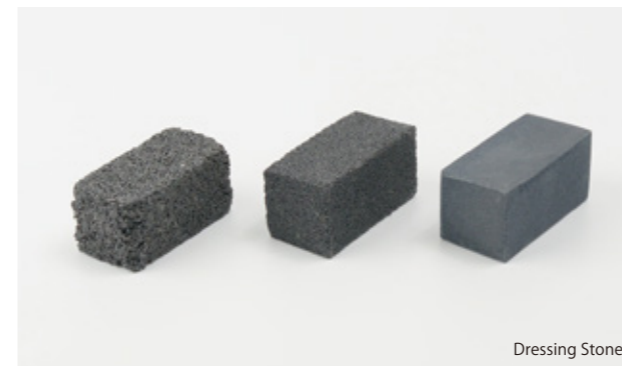


Saw Blade Case

SAW BLADE CASE

Saw blade case made of wood. Store your blades nicely without damage.

Item Code	305-284
Weight / Dimensions	20 g / φ 20 x 185 mm, Inner diameter φ 12 mm

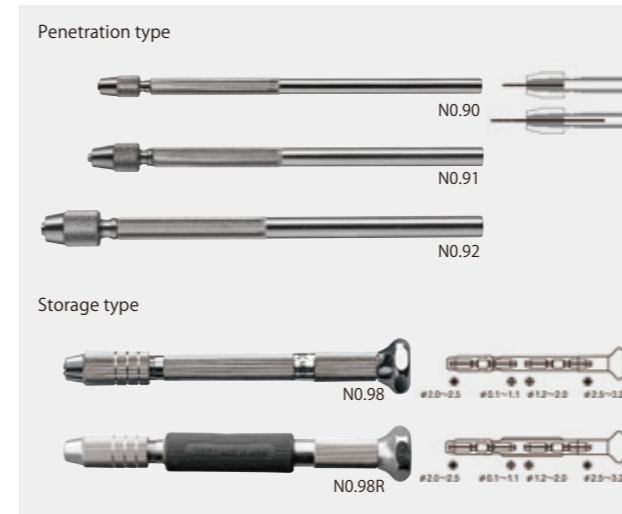


Dressing Stone

DRESSING STONE

Reshape the points for smooth surface or finer tip etc. Also good for cleaning and exposing the fresh abrasive particles.

Item Code	304-458	304-459	304-460
Model	Coarse	Medium	Smooth
Material	Silicon Carbide		
Dimensions	25 x 25 x 50 mm		



PRECISION PIN VISE

Used with burs, drills, reamers, and so on. There are 2 types of Pin vise: the "penetration type" which a drill can pass through so that the length of the drill can be adjusted, and the "storage type" which has 4 jaws inside the body.

Penetration type

Item Code	801-046	801-047	801-188
Model	No.90	No.91	No.92
Bit Size	0.1 - 0.6 mm	0.1 - 0.9 mm	0.1 - 1.2 mm
Dia. (Shaft) / Size	φ4.5 / 105 mm	φ5.5 / 110 mm	φ6.0 / 120 mm

Storage type

Item Code	801-192	801-193
Model	No.98	No.98R
Bit Size	0.1 - 3.2 mm (4 Heads Storage)	
Dia. (Shaft) / Size	φ 10 / 102 mm	

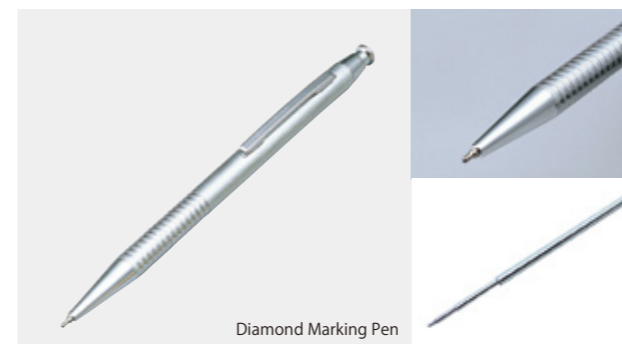
Made in Japan

DIAMOND MARKING PEN

Utilizing the sharp edge with hardness unique to diamond, even very hard materials can be carved easily. From ceramics and glass, metal to plastic. You can draw on a wide variety of materials. For crafts including marking on glass, marking on molds etc.

Item Code	304-417	304-418
Model	Diamond Marking Pen Set	Diamond Marking Pen (Refill)
Length	132 mm	107 mm

Made in Japan



Diamond Marking Pen

SCRIBER PEN

Scriber pen with replaceable Carbide tip. Tip can be stored inside the pen when you do not use. Carbide tip can be replaced easy.

Item Code	305-141
Model	Scriber pen C type
Tip	Carbide tip hardness 1,500 - 1,700 HV
Weight / Dimensions	12 g / 140 x 11 x 8 mm
Option	Replacement Carbide tip 2pc set (305-142)



Scriber Pen / Replacement tip



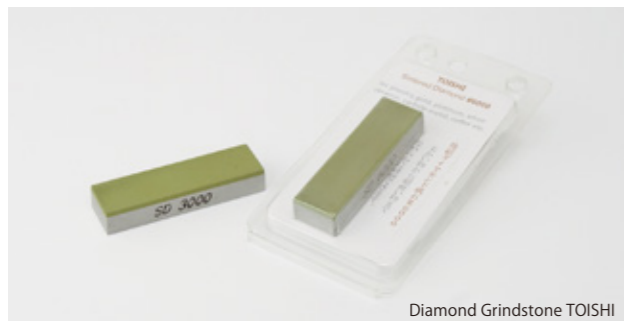
TRY SQUARE W / BRASS BASE

Small try square with steel blade and brass base fits into any pockets. Ideal for detailed work requiring accuracy. Good for marking 90-degree angles, testing right angle, marking straight lines, etc. Small hole for hanging on your bench.

Item Code	305-268	305-269	305-270
Material	Brass / Stainless Steel		
Weight / Dimensions	26 g / 45 x 39 x 6 mm	30 g / 60 x 44 x 6 mm	45 g / 75 x 53 x 6 mm



Try Square W / Brass Base



Diamond Grindstone TOISHI

DIAMOND GRINDSTONE TOISHI

Sintered diamond grindstone for sharpening Carbide & HSS gravers, knife, ceramic etc. These can be used to shaping, adjusting the metal tools as well. Available grits #3000 and #6000.

Item Code	304-350	304-351
Model	Toishi #3000	Toishi #6000
Dimensions	70 x 20 x 10 mm / Diamond thickness approx. 1 mm	
Made in Japan		



Diamond Grinding Mounted Wheel

DIAMOND GRINDING MOUNTED WHEEL

Can be used with micro grinder or flex shaft directly with shaft diameter 2.35mm. Diamond parts are resin-bonded and last longer than electroplated diamond. Good for sharpening, shaping, smoothing your carbide tools, hardened metal, knife, ceramic and stainless steel etc. Easy, faster, clean sharpening of your tools with mounted diamond grinding wheel.

Item Code	304-440	304-441	304-442	304-443
Grit	#400	#800	#1500	#3000
Max. speed	9000 rpm			
Dimensions	φ 25 x 8 x 2.35 mm (Diamond thickness approx. 1.5 mm)			
Made in Japan				



MICRO KNIVES

Durable, sharp, and small knives. Easy to hold and use. Suitable for intricate and detailed work for wax modeling, craftwork, modeling, and hobby purpose. 7 kinds of knives are available for the various purposes.

Item Code	301-038	301-039	301-040	301-041	301-042	301-043	301-044
Model	TK-01	TK-02	TK-03	TK-04	TK-05	TK-06	TK-07
Cutting Edge	Flat(L)	Flat(S)	Round(L)	Round(S)	Triangular	Diagonal(L)	Diagonal(S)
Edge x Length (mm)	3 x 140	1.2 x 140	1.2 x 140	1.2 x 140	2 x 140	4 x 140	4.5 x 140
Made in Japan							



Wax Carving Set

WAX CARVING SET

Set of Spatula Wax-Carving tools for professional. Every single Spatula is professionally handmade. You will increase quality and production speed with this Professional Wax Carving Set.

Item Code	301-055
Contents	Spatula x 7 pcs(14 kinds), Wax Cutter x 4 pcs, Needle x 1 pc
Material	Quenched Steel



AMC Wax Carver

AMC WAX CARVER

Economical Wax carver with standard 6 kinds tips (3pcs).

Item Code	305-241
Size	φ 4 x 170 mm
Contents	3 pcs of 6 tips



Wax Carver Neo1



Wax Carver 1013-B



WAX CARVERS

NEO1 : Digital temperatures control Wax carver, with 6 of LED temperature indications. Quick heat function is useful for start / immediate needs for higher temperature. Compact body, stable temperature makes wax works easy.

1013-B : Compact body, safely, reliable, stable temperatures control Wax Carver. Handpiece and cord are covered flexible silicon and you can use even long time without stress. LED indication blinks depends on set temperatures. Long seller model worldwide.

Item Code	503-076	503-077	503-078	503-079
Model	NEO1		1013-B	
Temperature	50 - 260 °C		Up to 275 °C	
Power	AC100-240V 50/60Hz			
Size	Controller 86 x 56 x 19 mm, Handpiece 120 mm, Cord 1 m		Controller 50 x 65 x 41 mm, Handpiece 120 mm, Cord 1 m	
Accessory tip	Knife, Spoon, Straight	7 kinds tip set (Knife, Spoon, Straight, Carved Taper, Flat, Wide Flat, Large Spoon)		7 kinds tip set (Knife, Spoon, Straight, Carved Taper, Flat, Wide Flat, Large Spoon)
Made in Japan				



Heating Pen

HEATING PEN CH-1

Battery operates Heating Pen. Only 5 seconds to heat up and proceed to work. Tip thickness 0.3mm and easy to work with precision work. Replacement tip available as option.

Item Code	503-069
Maximum Heat	280°C
Weight / dimensions	20 g / φ 19 x 136 mm
Battery	AA battery x 1
Option	Replacement Tip (503-070)



Soldering Iron

SOLDERING IRON

Low voltage soldering irons made in Japan. Light weight only 9g, and compact body 150mm can be used with AC/DC and battery as well.

Item Code	503-073
Model	MI-6-12V
Power / Consumption	11-12V AC/DC / 6W
Temperature	390 °C
Heating Element	Nichrome Heater
Weight / Length	9 g / 150 mm
Made in Japan	



Basic Wax Modeling

Practical Wax Modeling

BOOK: WAX MODELING

Basic Wax Modeling, 11 basic projects to teach the use of certain tools and types of waxes in progressive manner as one's skills improve. Practical Wax Modeling continues on with advance techniques and topics, building on the foundation of techniques and information presented in Basic Wax modeling.

Item Code	801-186	801-446
Contents	Basic Wax Modeling	Practical Wax Modeling
Printed in Japan		



Rubber Finger Guards

RUBBER FINGER GUARDS

Made of antibacterial Rubber. Protect your fingers in working process.

Item Code	601-053	601-054	601-055
Size Code	A	B	C
Inner Diameter	21.5 mm	18.5 mm	15.5 mm
Length / Thickness	52 / 0.4 mm	46 / 0.4 mm	40 / 0.4 mm
Contents	50 pcs / pack		

Made in Japan



Leather Finger Guards

LEATHER FINGER GUARDS

The finger guards made of cowhide. Protect your fingers from the heat and dirt during the polishing work.

Item Code	601-123	601-124	601-125	601-126
Model	PF1	PF2	PF3	PF4
Color / Material	Gray / Cowhide			
Size (mm)	φ 15 x 60 (S)	φ 20 x 65 (M)	φ 25 x 65 (L)	φ 30 x 75 (LL)
Contents	1 pc			

BRASS BRUSH 0.08mm

Silver, Gold surface POLISHING brass brush. Used diameter 0.08mm fine brass wire, so it brings shine without scratches. It works well with called, Chinese soapberry or washnut from Sapindus mukorossi which contains the compound of saponin, which has natural cleansing properties.

Item Code	305-197
Wire	Brass wire φ0.08 mm / length 15 mm, 12 Rows, 23 Column
Size	130 x 45 x 28 mm

Made in Japan



Brass Brush 0.08mm

BRASS BRUSH

Useful brass brush for both professional and home use. Suitable for various polishing and cleaning tasks without scratching. For polishing and soft cleaning of brass, copper, and other metals.

Item Code	305-263	305-264	305-265	305-266	305-267
Type	2 Rows	3 Rows	4 Rows	Tapered	Oval
Size	235 x 12 mm	235 x 15 mm	235 x 18 mm	215 x 40 mm	123 x 60 mm
Brush Size	70 mm	70 mm	70 mm	95 mm	110 mm

Made in Japan



Brass Brush



Wire Brush

WIRE BRUSH

Suitable for cleaning fine dirt with its tiny wires. When you put the brush tip in solution, tiny wires soak the solution up by capillary action. Soaked solution is supplied to the brush tip during use. It helps to clean the dirt which is not cleanable without solution. Suitable not only for cleaning, but also for precision works such as smoothing and polishing at small area.

Item Code	305-117	305-118	305-119
Wire Material	Stainless 316L		
Wire Diameter	0.03 mm	0.05 mm	0.08 mm
Size	110 x 3.0 mm		

Made in Japan



PVC Coated Long Tweezers

PVC COATED LONG TWEEZERS

Long 255mm tweezers with the tip coated by PVC which has good durability and water-resistant, can hold jewelry tightly without any scratch. Suitable for retrieving jewelry from ultrasonic cleaners or holding jewelry when cleaning with steam cleaners. The long grip keeps your hands safely away from steam.

Item Code	401-064
Weight / Size	74 g / 255 x 11 mm

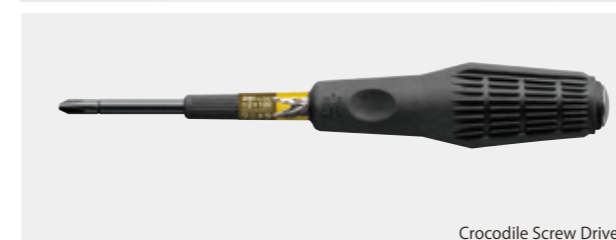


Bamboo Tweezers

BAMBOO TWEEZERS

Never damage the gemstones. Good for holding Pearls with flat tip. Excellent insulation and chemical resistant.

Item Code	401-058	401-057	401-027
Length	200 mm	150 mm	180 mm (Flat tip)



Crocodile Screw Driver

CROCODILE SCREW DRIVER

Innovative screw driver can be used for both new screws and stripped screws. For stripped screws, press the screwdriver against it and hit with a hammer to create a new groove. The unique shape of tip bites into stripped screw and remove it easily. The tip has a magnet to catch screws securely. Crocodile handle for less slipping and comfortable grip.

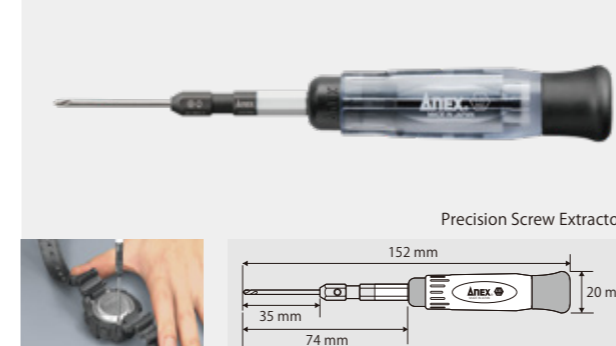
Item Code	301-158	301-159	301-160
Model	3980		
Size	+1 x 75 mm	+2 x 100 mm	+3 x 150 mm
Made in Japan			



PRECISION SCREW EXTRACTOR

The extractor designed for removing stripped precision screw by hand. Bites the stripped precision screw thread firmly, and can remove it by just pressing and screwing. Can be used for the precision screw in the size of +M1 to +M2.6. The blade is replaceable once it is consumed or lacked.

Item Code	301-161
Model	3610-N
Material	HSS (Blade) / Alloy Steel (Bit)
Weight / Length	40 g / 152 mm
Option	Replacement Blade (301-162)
Made in Japan	



Precision Screw Extractor



Hand Wash Brush

HAND WASH BRUSH

Useful for removing stubborn stains and dirt from hands easily and for cleaning dirty items. Agave fiber is so absorbent that it foams very well. Also, it has excellent cleaning power due to strong texture and oil resistance. Comfortable grip for secure use.

Item Code	601-122
Material	Agave fiber (Bristle) / Wood (Handle)
Weight / Dimensions	105 g / 48 x 105 x 24 mm
Made in Japan	



Nail Brush

NAIL BRUSH

Suitable for removing dirt from nails and fingertips. Soft bristles will not hurt your skin.

Item Code	601-119	601-120	601-121
Color	Blue	Pink	Green
Dimensions	28 x 63 x 13 mm		
Made in Japan			



Burner RZ-511

Burner RZ-512



RZ-511

RZ-512

BURNERS

Handy, compact, safety butane gas burner torch with air and flame adjustments and hold function. Burner stands free, and both hands can be used for the work. Quick ignition by pressing, and filling gas easy. RZ-511CR is the model for fine spot flame, and RZ-512CR is the model for high power flame. RZ-512CR has 2.5 times.

Item Code	302-086	302-088
Model	RZ-511	RZ-512
Temperature Attainable	800 – 1300 °C (with air adjustment control)	
Gas / Gas Capacity	Butane / 7 g	
Weight / Dimensions	202 g / 70 x 90 x 146 mm	202 g / 100 x 70 x 162 mm
Made in Japan		



Ceramic Crucibles

CERAMIC CRUCIBLES

Durable crucibles for Platinum and can be used several times.

Item Code	503-009	503-010
Diameter	φ 60 mm	φ 70 mm
Made in Japan		



Soldering Tweezers

SOLDERING TWEEZERS

Useful for soldering when you heat the objects, especially for Platinum. Heat-resistance is up to 3000°C.

Item Code	401-020	401-021	401-022	401-024	401-025
Model	BS-3000A	BS-3000B	BS-3001	BS-3002	BS-3003
Length	145 mm	175 mm	180 mm	170 mm	140 mm
Type	Small	Large	Self-Lock	Large-Curve	Small-Curve
Made in Japan					



Silver Solder

SILVER SOLDERS

Japanese made Silver Solders, different purity of silver for various uses.

	FAST	2ND	3RD	5TH	7TH	9TH
Melt Temp.(°C)	620	820	780	750	720	730
Silver %	50	80	77	70	60	50
S-Pack (6.9-7 g) (50 x 50 x 0.3 mm)	306-002	306-003	306-004	306-005	306-006	306-007
L-Pack (27-28 g) (200 x 50 x 0.3 mm)	306-008	306-009	306-010	306-011	306-012	306-013
Made in Japan						

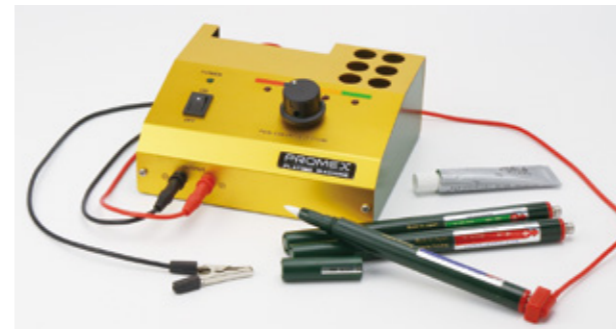
LASER WIRE FOR SILVER

SV900 is designed for especially silver laser welding. Silver laser welding is said, not easy work though, with this Laser wire, it flows smoothly and gives a white color finish. Fill porosity, re-tip prong settings, resize rings etc. Set the power of the laser as same as 18K gold welding.

Item Code	306-001
Purity	Silver 900
Contents	Round wire diameter 0.26 x approx. 100 mm
Application	Laser Silver welding Power of leaser setting as 18K gold
Made in Japan	



Laser Wire For Silver



Promex Plating Machine



PROMEX PLATING MACHINE

Promex Plating Machine enables you to plate safely & quickly with disposable pens (23 kinds). Each pen contains 10ml of solutions and can plate approximately 60 x 60cm plate. This compact Promex Plating Machine is perfectly suitable for Jewelry, optical frames, watches, ornaments, accessories, small parts, or jewelry maintenance and repair. 24K, 18K pen are also used for IC Base for repairing purpose.

(Optional Pens) Degreaser, Copper, Nickel, Chrome-Color, Black-Nickel, 24K Gold, 20K Gold, 18K Gold, 14K Gold, 12K Gold, Pink Gold, Rhodium, 24K Gold (Rapid), 18K Gold (Rapid), Silver, Silver (Rapid), Stainless Steel Degreaser, Zinc, Tin, Palladium, Red Gold, Luna Pink-1 Gold, Luna Pink-2 Gold, Luna Pink-3 Gold.

Item Code	502-006	502-007
Model	Standard Set	Control Unit
Style	Pen type plating machine	
Weight / Dimensions	300 g / 140 x 160 x 75 mm	
Accessories	Control unit, AC Adaptor, Connecting cable, Polishing paste	
Pens	Degreaser, 18K Gold, Silver	-
Made in Japan		

LOOSE STONE CHECKER

This machine is for checking the stones on jewelry which are fixed properly or not by giving vibration. You can easily find out the stones which set loose through magnifying glass. SCK-203 has adjustments for the pulse cycle, vibration power.



Hi Checker SCK-203

Item Code	801-063	801-290
Model	SCK-101	SCK-203
Weight / Dimensions	1.2 kg / 256 x 132 x 45 mm	10 kg / 320 x 245 x 210 mm
Power / Consumption	100V / 10W	100-240V / 120W (max)
Accessories	Holder for Ring & Pendant x 1 pc each Magnifying Glass	
Made in Japan		



Platinum Investment: A1-Mix

PLATINUM INVESTMENT A1-MIX

Ideal investment for Platinum. Smooth and stable surface without mass cast hollow or few burrs.

Item Code	503-008
Contents	25 kg / Binder 500 cc
Made in Japan	



High Melting Point Investment ALL89

HIGH MELTING POINT INVESTMENT ALL 89

Good for lost wax casting for various types of metal. Especially Platinum, Palladium, Stainless, and high-melting point metals. Ideal silica investment powder from Japan.

Item Code	503-066
Contents	25 kg / Binder 500 cc
Made in Japan	



GT-3S

GT-P2S

SHIROTA ELECTRIC FURNACE

Shiota has been producing Furnace for more than 80 years. They are used for Cloisonne enamel, Glass, Lost wax, Silver cray and various experiments. It has dial type temperature controller, and digital temperature control (1 °C unit), and can keep stable temperatures.

Item Code	801-481	801-482
Model	GT-3S	GT-P2S
Consumption	1 kW	1.3 kW
Maximum Temperatures	1000 °C	
Heater	Three-sides Heater	
Furnace Inner Dimensions	W160 x H52 x D200 mm	W200 x H130 x D240 mm
Weight / Dimensions	10 kg / 310 x 350 x 340 mm	16 kg / 350 x 405 x 410 mm
Power	100V / 230V	
Made in Japan		



Ultrasound Polisher Sheenus Zero

ULTRASONIC POLISHER SHEENUS ZERO

High-speed polishing system using ultrasonic vibrations of 19,000 to 29,000 times per second with a maximum amplitude of 40 μm. Vibration is not conveyed to the hand, and safety is further improved with high efficiency through circuit optimization and a heat generation protection function.

Item Code	303-062	303-063
Model	7775 / 120V	7776 / 230V
Oscillation frequency	19 kHz - 29 kHz	
Outputs	45 W(max) UNCLAMP mode 20 W(max) CLAMP mode	
Weight / Dimensions	1.5 kg / 161 x 256 x 84 mm	
Power	AC 100- 240V	
Accessories	Controller, Handpiece, Tool box, Wrench x2, Hexagon wrench , Foot switch (FC-24), Spare fuse x2, Main power cord (Plug type : 120V or 230V) Tools : 1set (Electroplated diamond file #200 Flat taper, 4 x 50 mm, t=0.4, Ceramic fiber grindstone #800 Flat, 6 x 50 mm, t=1.0, Tip holder (For round, φ 3.0 tip), Tip holder (For flat, t=1.0 tip)	

Made in Japan



Nakanishi Emax Evolution

NAKANISHI EMAX EVOLUTION

Ultra-precision brushless Micro-grinder from NAKANISHI, Japan. Tough torque brushless motor, flashing live load Indicator, auto-cruise control and fix speed function.

Item Code	303-025	303-024
Model	8080 / EV410-100	8225 / EV410-230
Speed	1,000 – 40,000 RPM	
Power	100V / 30W	230V / 30W
Weight	182 g (Hand piece)	2.3 kg (Control unit)
Accessories	Control unit (NE249), Micro Grinder (Ring type IR-310+ENK-410S) Collet chuck (φ2.35 & 3.0 mm), Other standard accessories	
Option	Foot pedal FC-64	

Made in Japan



Micro Grinder Premo RPM-V-35S

MICRO GRINDER PREMO RPM-V-35S / W CHUCK2.34

Ultra-compact, but high-performance micro grinder with max 35,000 RPM. Pursuit of rotation accuracy enables to smooth work with less runout. Ideal torque control provides tenacious power, especially in the low-speed range. Feedback function keeps rotation speed even while working. Safety mechanism stops rotation when overloading.

Item Code	303-056
Model	RPM-V35S
Speed	2,000 – 35,000 RPM
Weight / Power	189 g (Hand piece) 82 g (Controller) / 100 - 240V
Accessories	Hand piece (RPM-V35R), Controller (RPM-V35C), Collet chuck φ2.34, AC Adapter (RPM-V35AD6), Spare Carbon Brush (KE-610)

Made in Japan



Micro Grinder Premo RPM-25S2

MICRO GRINDER PREMO RPM-25S2 / W CHUCK 2.34

Ultra-compact, but high performance, micro grinder with max 25,000 RPM. Only 50g controller and 189g hand piece are lightweight and compact. Easy to carry around. Hand piece has full spec with one-touch release function and high dust-proofing structure. Feedback function keeps rotation speed even while working.

Item Code	303-057
Model	RPM-25S2
Speed	2,000 – 25,000 RPM
Weight / Power	189 g (Hand piece) 50 g (Controller) / 100 - 240V
Accessories	Hand piece (RPM-R25), Controller (RPM-C25), Collet chuck φ3.0 mm & Chuck sleeve φ2.34, AC Adapter, Controller Stand (PS-100), Spare Carbon Brush (KE-610)

Made in Japan



Compact Foldable Dust Box

COMPACT FOLDABLE DUST BOX

Dust box prevents scattering of dusts or shavings during the work such as polishing or grinding. Foldable, easy set up with fold line, and convenient to carry. The tray equipped on the bottom makes it easy to clean up after the work. Can fit various spaces, and useful for working at the place where is not your workplace.

Item Code	303-060
Material	PET Resin
Dimensions	280 x 200 x 209 mm (Thickness 0.5 mm) / Hole φ30 mm
Made in Japan	



Hand Drill Unic

HAND DRILL UNIC

Japanese made hand drills are continuously requested by users. These classic hand drills are still a great way to drill holes precisely and simply.

Item Code	303-058	303-059
Model	MINI	H-102
Drill Size	0.1 - 5.0 mm	0.5 - 6.5 mm
Length	230 mm	300 mm

Made in Japan



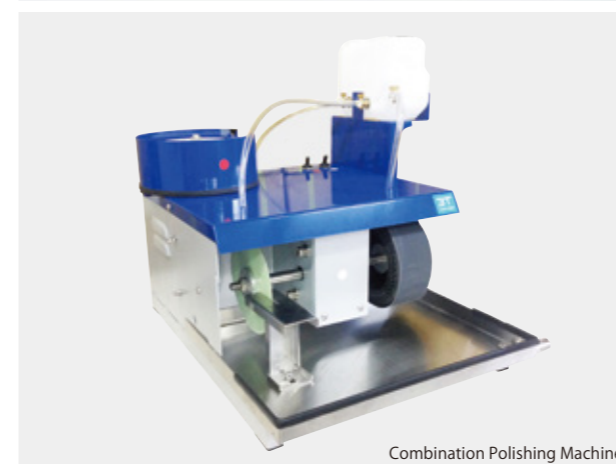
Hand Drilling Press

HAND DRILLING PRESS

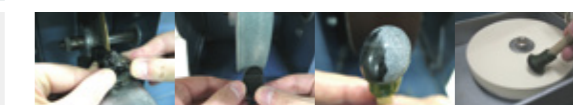
Simple drilling press by hand on the desk. Drilling capability 1.0 to 5.0mm. Drill head can be removed from the base to use as Hand Drill.

Item Code	303-064
Model	H-104
Drill Capability	1.0 to 5.0 mm
Weight / Dimensions	460 g / 150 x 75 x 235 mm

Made in Japan



Combination Polishing Machine



COMBINATION POLISHING MACHINE

Cutting, Grinding, Sanding and Finishing for Gemstone can be done with a machine. As the rubber seal bearing used, you do not need to oil the machine or to care for the maintenance.

Item Code	305-113
Model	SAY-120
RPM for Duplex Grinder	2 speed selectable 1,300 / 2,300 rpm / 60 Hz 1,080 / 1,900 rpm / 50 Hz
RPM for Surface Grinder	1,750 rpm / 60 Hz 1,450 rpm / 50 Hz
Shaft Diameter	φ12.7 mm
Weight / Dimensions	32 kg / 570 x 450 x 450 mm



DENYUSHA Buff Motor DSB-200HNIV + PC-MIV

DENYUSHA BUFF MOTOR

This state-of-the-art motor provides vibration free, and quiet operation. Motor has a variable speed amazingly from 1000 ~ 4000 rpm, and with the PWM inverter, user can adjust the best suitable rpm for silver, gold, platinum jewelry.

Item Code	303-054
Model	DSB-200HNIV
Speed	1,000 – 4,000 RPM
Maximum buff size	180 mm (Diameter) x 25 mm (thickness) x 16 mm (Center Hole)
Input Power	300VA
Volts / Hz	Single Phase 100V 50/60 Hz
Weight /Dimensions	10.7 kg / 347 x 235 x 221 mm
Option	Dust collector PC-MIV (303-055) 16.5 kg / 488 x 433 x 362 mm

Made in Japan

STORE FRONT

Cleaning / Cloth | Boxes / Others



AMC LUSTERING CLOTH



Improved lustering cloth designed for different types of materials. Each of cloths is blended with different compound and wax. Remove both scratch and oxide layer with ultra-fine abrasive and bring back original luster. *Customs packing or logo print order is also available.

Item Code	Product Name	Item Code	Product Name	Contents / Size	Material
601-099	Lustering Cloth AMC Silver	601-102	Lustering Cloth AMC Stainless	2 pcs / pack 125 x 195 mm	Cotton cloth with polishing compound and wax
601-100	Lustering Cloth AMC Gold	601-103	Lustering Cloth AMC Plastic		
601-101	Lustering Cloth AMC Copper	601-104	Lustering Cloth AMC Platinum		

Made in Japan



AMC JEWELRY CLEANING CLOTH



High quality microfiber cloth, which has very strong power of wiping out the oil or dirt. Great performance for jewelry, watch, glasses, lens as well as stone. Please wash periodically with soap, then wiping power recover again.

Item Code	601-105
Size	125 x 195 mm
Contents	1 pc

Made in Japan



AMC PEARL CLEANING CLOTHS



Soft and gentle, good for cleaning, maintenance for the Pearl after used. No-washable microfiber cloth.

Item Code	601-107
Size	195 x 250 mm
Contents	1 pc

Made in Japan



High Quality Chamois

HIGH QUALITY CHAMOIS

High performance processing Chamois which has soft surface and remove moisture, oil, finger print and bring back its original shine easily and quickly.

Item Code	601-006	601-007	601-008
Size	120 x 120 mm	120 x 180 mm	150 x 150 mm

Made in Japan



Cleaning Cloth SEP

CLEANING CLOTH SEP

Cleaning cloth designed for diamond. This soft smooth cloth works for gemstone and pearls as well.

Item Code	601-114
Size	220 x 255 mm



Hi-class Black Gloves

HI-CLASS BLACK GLOVES



Smooth surface quality fabric black color gloves. Good for handling diamond, pearl jewelry.

Item Code	601-133	601-134
Product Name	Hi-class Black Gloves	
Size	S	L
Material	100% Polyester	



AMC Jewelry Black Gloves

AMC JEWELRY BLACK GLOVES



Fit on hands with hook button. Easy on hands made of 100% cotton even for long time use.

Item Code	601-131	601-132
Product Name	AMC Jewelry Black Gloves	
Size	M	L
Material	100% Cotton	



Toraysee MF Gloves

TORAYSEE MF GLOVES

Toraysee ultra fine fiber can be wiped dust and oil out, and keep your jewelry sparkling and clean. Suitable for handling the stones, jewelry and pearls.

Item Code	601-011	601-012	601-013
Size	M	L	LL
Material	Polyester ultra fine fiber		



Jewelry Gloves

JEWELRY GLOVES

Made of 100% cotton. Easy fit on your hands.

Item Code	601-032	601-014	601-015	601-057
Product Name	Jewelry Gloves (White)			
Size	S	M	L	LL
Material	100% Cotton			
Contents	12 pairs / pack			

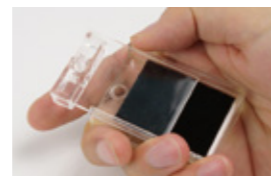


LOOSE STONE CASE

Model / Size M18 : 57 x 60 x 24 mm
 M50 : 86 x 77 x 26 mm
 M205 : 93 x 114 x 32 mm

Color (Outside/Inside)	Model	M18	M50	M205
White / White		801-224	801-227	801-230
Black / White		801-225	801-228	801-231
Black / Black		801-226	801-229	801-232

Made in Japan



DIAMOND CLEAR BOX

Clear plastic case with 2 colors (white & black) back. Slide the lid to open and close the case. It comes with card in each box.

Item Code	801-233
Dimensions	40 x 32 x 15 mm
Contents	20 pcs



LOOSE STONE CASE & TRAY

Standard square plastic case of white and black colors, 2 sizes. Convenient to carry out or store with trays and lids.

Item Code	801-535	801-536	801-537	801-538
Product Name	Loose Case 30		Loose Case 40	
Size / Contents	30 x 30 x 15 mm / 20 pcs		40 x 40 x 15 mm / 12 pcs	
Color	White	Black	White	Black

Item Code	801-539	801-540
Product Name	Tray For 30 W / LID	Tray For 40 W / LID
Storage Number	40 pcs	24 pcs
Dimensions	290 x 192 x 23 mm	



RING STORAGE PREMIUM CASE

Good quality storage cases for rings. 4 sizes are available depending on the quantity of rings to put.

Item Code	801-525	801-526	801-527	801-528
Model	401	402	403	405
Storage Number	12 pcs	18 pcs	28 pcs	48 pcs
Dimensions (mm)	152 x 92 x 39	187 x 117 x 39	210 x 150 x 39	267 x 180 x 39

Made in Japan



STORAGE PREMIUM CASE

Standard square plastic case of white and black colors, 2 sizes. Convenient to carry out or store with trays and lids.

Item Code	801-545	
Model	Small	Medium
Dimensions	274 x 93 x 27 mm	274 x 185 x 27 mm

Made in Japan



Two Fold Plastic Loose Bag

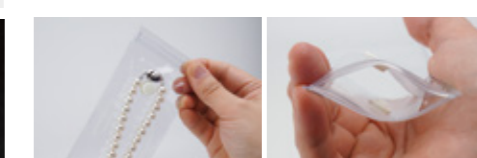
TWO FOLD PLASTIC LOOSE BAG

Can be put gems in half side, and set sorting card in other side. It is possible to put small ring, or earring as well. Fold in half and carry out with compact size.

Item Code	801-524
Size / Contents	95 x 118 mm / 20 pcs
Made in Japan	



Necklace Zip Bag W/Hook



NECKLACE ZIP BAG W/HOOK

Unique necklace plastic zip bag. Your necklace can be hold in good position inside by putting the hook inside the bag. Very useful when carrying out to shows. Utility model registered item.

Item Code	801-478
Size / Contents	240 x 65 x 0.2 mm / 10 pcs



Plastic Zip Bag V Series

PLASTIC ZIP BAG

Clear 0.2mm plastic bag for jewelry, watch, gemstone etc. It can be used repetitively. Thickness : 0.2mm / contents : 50pcs/pack

Item Code	801-391	801-392	801-393	801-394	801-395	801-396	801-397
Model	V30	V40	V50	V50A	V60	V60B	V70
Length (mm)	235	60	215	70	235	85	250
Width (mm)	30	40	50	50	60	60	70

Item Code	801-398	801-399	801-400	801-401	801-402	801-403
Model	V85	V95	V100	V115	V150	V170
Length (mm)	105	155	255	125	190	240
Width (mm)	85	95	100	115	150	170

Made in Japan

ZIP BAG with Mark space

Clear ZIP Bags with 3 white lines of mark space, which accepts pen and marker.

Mark-8 : Package color blue, thickness 0.08mm, 3 lines mark spaces

Mark : Package color yellow, thickness 0.04mm, 3 lines mark spaces

Type	A	B	C	D	E	F	G	H	I	J
Length (mm)	70	85	100	120	140	170	200	240	280	340
Width (mm)	50	60	70	85	100	120	140	170	200	240
Contents (Mark-8)	200	200	200	200	200	100	100	100	100	100
Contents (Mark)	300	300	200	200	200	100	100	100	100	100

Made in Japan



Zip Bag Mark Series

PRICE TAG CASE & CARD

Price tag plastic case with thread, 100 pieces per pack.

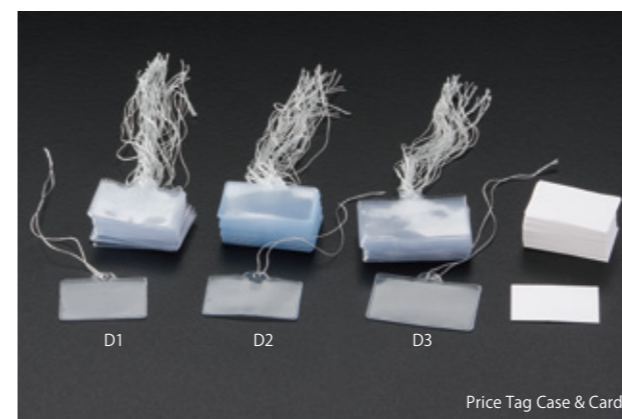
Price Tag Case

Item Code	801-529	801-530	801-531
Model	D1	D2	D3
Size	32 x 22 mm	35 x 19.5 mm	40 x 24 mm
Contents	100 pcs		

Price Tag

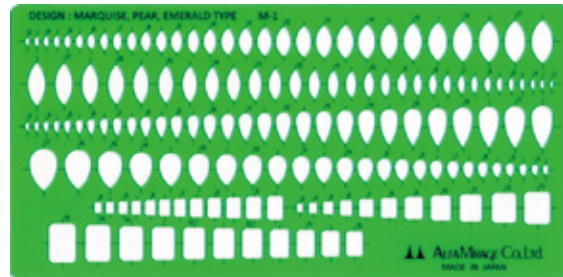
Item Code	801-532	801-533	801-534
Model	D1Y	D2Y	D3Y
Size	30 x 18 mm	33 x 17 mm	37 x 21 mm
Contents	100 pcs		

Made in Japan

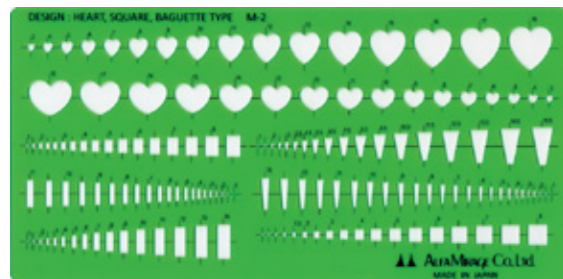


Price Tag Case & Card

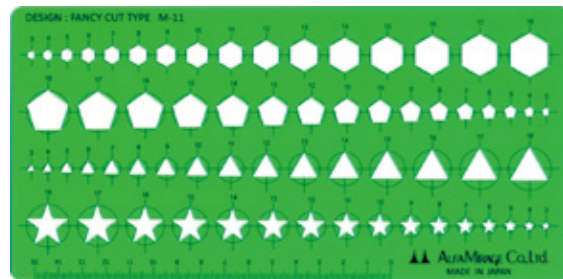
DESIGN GEM



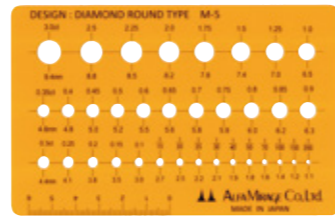
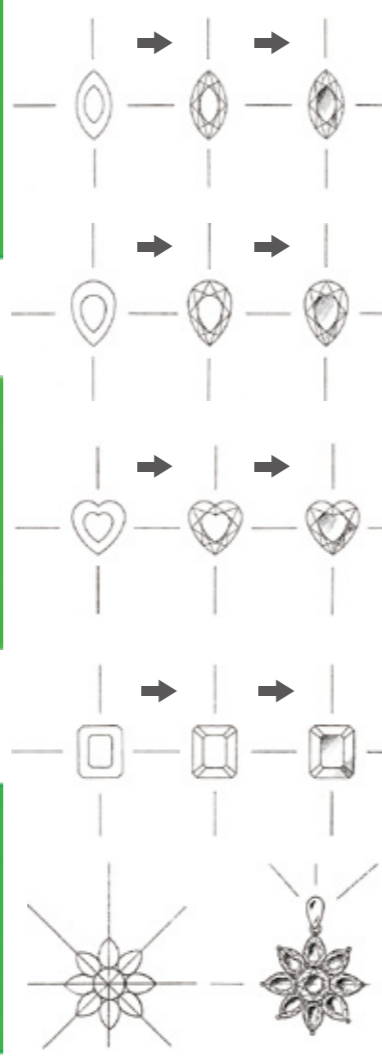
305-129 M-1 Marquise, Pear, Emerald type



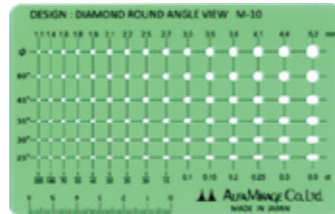
305-130 M-2 Heart, Square, Baguette type



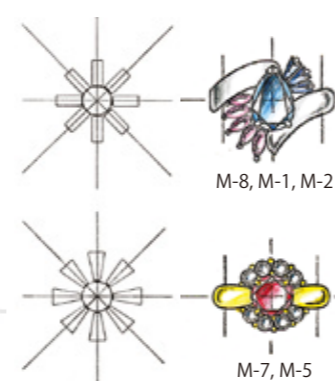
305-139 M-11 Hexangular, Pentagon, Triangle, Star



305-133 M-5 Diamond round (1/200 to 3ct.)



305-138 M-10 Diamond round (Angle View)



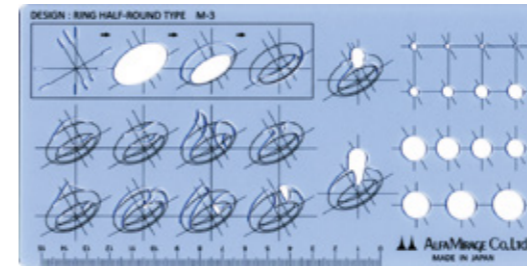
JEWELRY DESIGN TEMPLATE

By using these jewelry templates, design drawings can be done easily and speedy. There are various kinds of basic gem stones shapes, ring designs available. Save plenty of time even experienced designers. Thin plastic, precise lines and smooth surface design template for all jewelry designers.

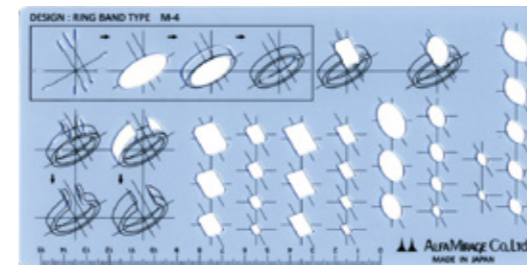
Item Code	Model	Design	Detail
305-129	M-1	Marquise, Pear, Emerald type	Popular cuts of gemstones. Draw with sharpened pencil vertically.
305-130	M-2	Heart, Square, Baguette type	
305-131	M-3	Ring half-round type	Three dimensions drawing of ring can be done easily.
305-132	M-4	Ring Band type	
305-133	M-5	Diamond round type	34 sizes (1/200 to 3 ct) of diamond round brilliant cut. Diameter is based on common cut and round it off to one decimal place.
305-134	M-6	Ring size	The size and center line can be drawn directly on Wax as well as drawings.
305-135	M-7	Ring & Stone -1- Top view	The facet line and prong for gemstone. Also 6 each different kinds of arm design are available.
305-136	M-8	Ring & Stone -2- Top view	
305-137	M-9	Findings, Clasp	Various kinds of findings, clasp. 15 kinds of design are available.
305-138	M-10	Diamond round angle view	
305-139	M-11	Hexangular, Pentagon, Triangle, Star	Fancy cut of gemstone. Draw with sharpened pencil vertically.

Made in Japan

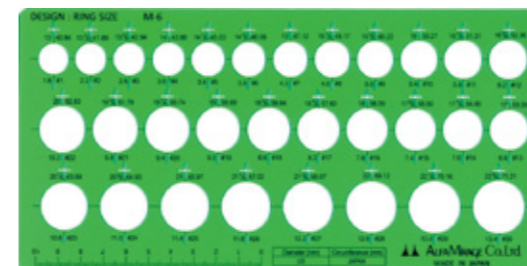
DESIGN RING



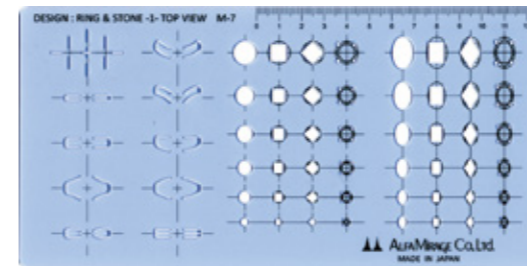
305-131 M-3 Ring half-round type



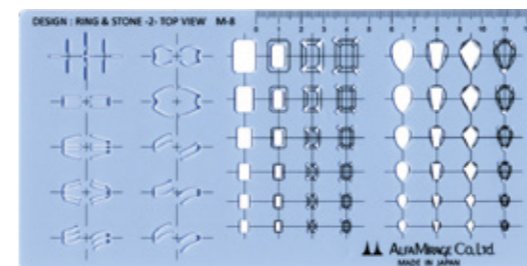
305-132 M-4 Ring Band type



305-134 M-6 Ring Size (Front view, Directly on Wax)

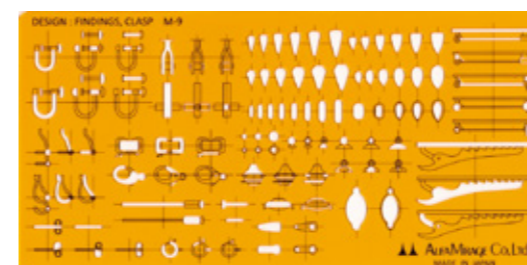


305-135 M-7 Ring & Stone -1- Top View

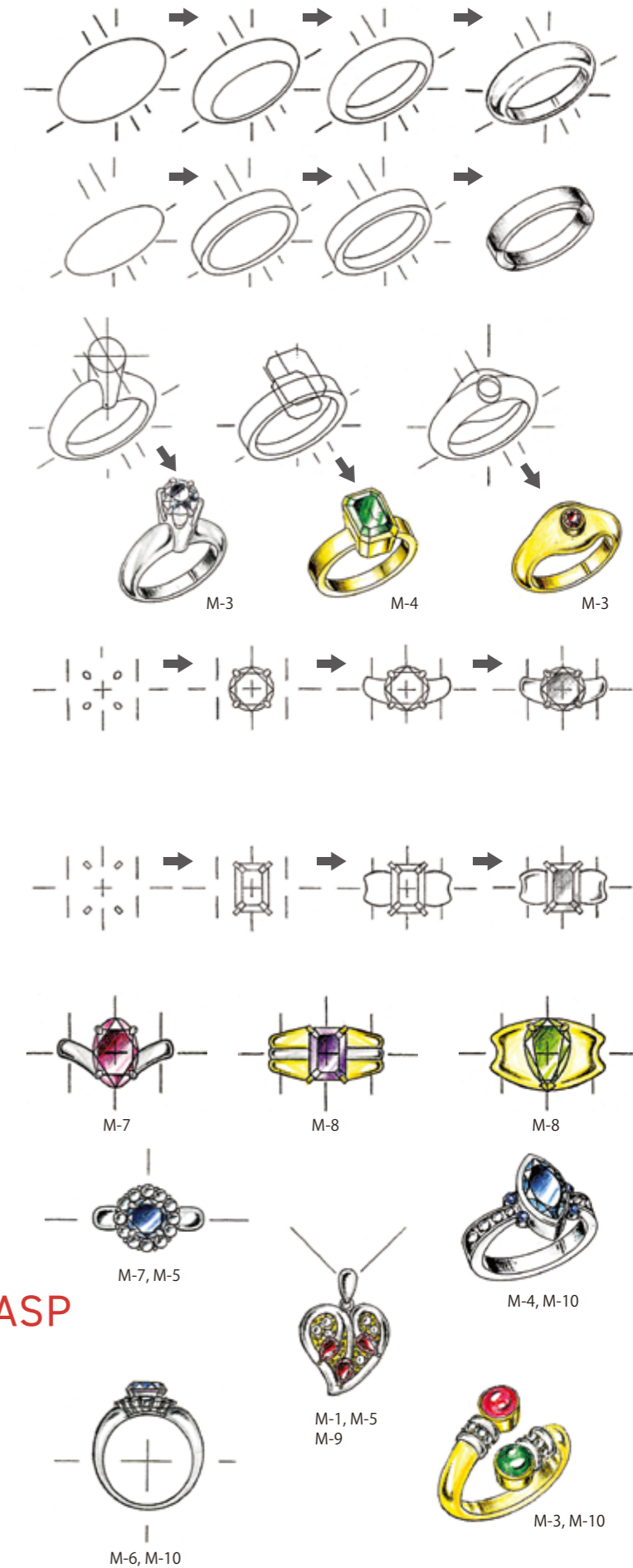


305-136 M-8 Ring & Stone -2- Top View

DESIGN FINDINGS, CLASP



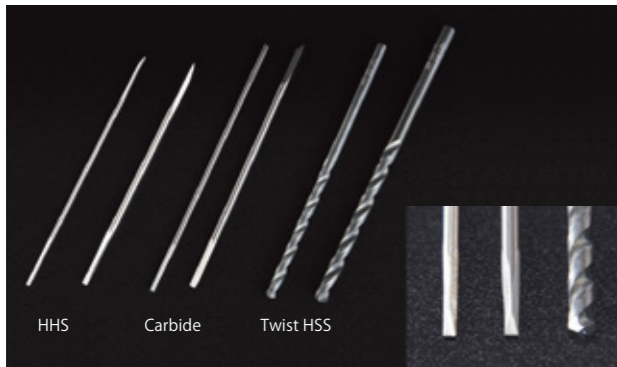
305-137 M-9 Findings, Clasp (Pierce, Earrings, Clasp, Findings, Pin etc 15 kinds)



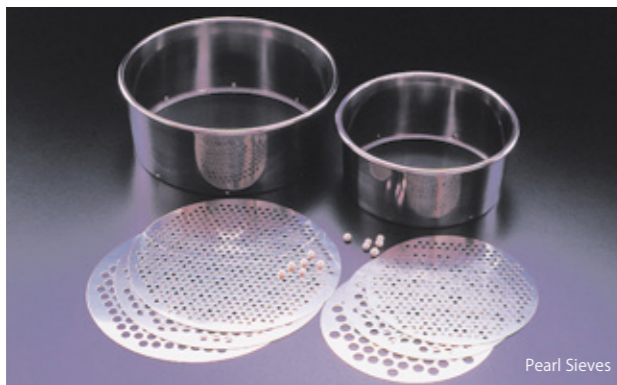
Designed by Yoko Ohba / Japan Jewelry Craft School



Pearl Drilling Machine



HSS Carbide Twist HSS



Pearl Sieves



Pearl Counter

PEARL DRILLING MACHINE PD α-100 / 200

For drilling a hole in a pearl or round thing which has Mohs hardness of 5 or less.

- Enhanced drilling accuracy
- Less stain to the motor extending operation life
- 4.2kg compact body
- Motor replacement now possible at the user's end
- Be able to drill a hole in bigger pearl up to φ35mm
- Improved pearl chucks make replacement easier
- Attachment container included as the standard equipment
- Replacement High-speed drill, and Carbide drill bit are available

Item Code	701-003	701-004
Power Supply	AC100-120V 50/60 Hz	AC200-240V 50/60 Hz
Speed	6000 / 6500 rpm	
Weight / Dimensions	4.2 kg / 145 x 235 x 122 mm	
Accessories	Chuck φ3, 5, 7, 9, 11 mm / Drill bit (0.8, 1.0, 1.2 mm) x 2 Adjustment wrench x 2	
Option	Chuck φ10-φ34 mm, Drill bit from 0.6-1.3 mm	

Made in Japan

PEARL DRILL

Pearl drill bit, HSS or Carbide are available. Tip designed for most suitable shape for drilling pearl without damage and has 2 sided. Twist Drill, HSS standard model from Japan.

Product Name	Description
Pearl Drill HSS	High-Speed Steel, length 50 mm, 2 sided Size: 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3 mm
Pearl Drill Carbide	Carbide, length 50 mm, 2 sided Size: 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3 mm
Twist Drill HSS	High-Speed Steel Size: 0.2-10.0 mm (0.05 increments)

Made in Japan

PEARL SIEVES

High quality Pearl Sieves. Very popular model in Japanese market.

Item Code	701-085	701-086	701-087	701-088
Product Name	Pearl Sieves Frame		Plate 150 2-20 mm (Increment of 0.25 mm)	late 190 2-20 mm (Increment of 0.25 mm)
Diameter	150 mm	190 mm	-	-

Made in Japan

PEARL COUNTER

Very easy for counting pearls. Save time and avoid damage the pearls.

Item Code	701-089	701-090	701-091	701-092	701-093	701-094	701-095	701-096
Size	8 mm	9 mm	10 mm	11 mm	12 mm	13 mm	14 mm	15 mm
Holes	100 holes						50 holes	

*A counter can be used for 2-count smaller pearls.

Made in Japan



Pearl Thread King

PEARL THREAD KING

Most popular polyester thread for pearl.

Item Code	701-033 / 034	701-035 / 036	701-037 / 038	701-039 / 040
Number / Color	#8 (White / Black)	#20 (White / Black)	#30 (White / Black)	#40 (White / Black)
Length	1000 m	1000 m	2000 m	2000 m
Diameter	0.46 - 0.74 mm	less 0.46 mm	0.04 - 0.44 mm	0.35 - 0.40 mm

Made in Japan



Pearl Thread Gunze GPT

PEARL THREAD GUNZE GPT

Highest quality thread made of high-density polyethylene. "Lighter than Water, Stronger than Iron, Sparkle like Silk." Very popular for high-end Pearl and Jewelry manufacturers.

Item Code	701-054	701-055	701-056	701-057	701-058
Number	#10	#20	#30	#50	#80
Length	1000 m	1000 m	1000 m	2000 m	2000 m

Made in Japan



Pearl Thread Tire Silk

PEARL THREAD TIRE SILK

TIRE Silk Thread is 100% pure silk with necessary strength and elongation with its natural beauty of a glossy shine. Widely used for Pearl necklace for a long time.

Item Code	701-298
Number / Color	#16 / White
Length	200 m
Total dtex	860

*Other colors are available.



French Wire

FRENCH WIRE

French wire is to conceal beading wire next to crimps and clasps. It gives not only jewelry elegance and professionally finished look, but also protecting and strength to the ends of the beadwork.

Item Code	701-141	701-142
Color	Silver	Gold
Weight / Length	14 g / approx. 800 cm	

Made in Japan



Thread Snips

THREAD SNIPS

The thread snips which won Good Design Award. With original manufacturing technology and latest material, enables smooth motion of blades, durability, and lightness.

Item Code	701-306
Model	Clover Black-Short Blade
Material	Blade: Stainless Steel Handle: FRP Resin
Weight / Length	15 g / 105 mm (Blade length 36 mm)

Made in Japan

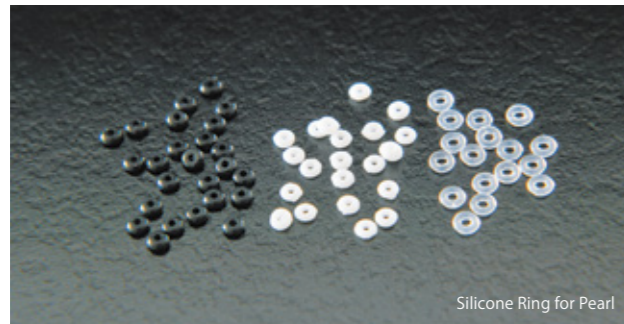


Epoxy Adhesives High-Super

EPOXY ADHESIVES HIGH-SUPER

Two-part epoxy adhesive curing at room temperature. Mixing ratio 1 : 1 and pot life within 5 or 30 minutes. Time required for effective curing in about 1 hour. Good for bonding Pearl jewelry, accessory making.

Item Code	801-541	801-542	801-543	801-544
Model	High-Super 5		High-Super 30	
Contents	6 g	15 g	6 g	15 g
Applocation	5-minute epoxy		30-minute epoxy	
Effective Curing	About 1 hour			
Made in Japan				



Silicone Ring for Pearl

SILICONE RING FOR PEARL

Place silicone ring between pearls to protect from having scratches by touching each other. 3 colors, 2 sizes are available.

Item Code	701-135	701-136	701-139	701-140	701-137	701-138
Color	Black		White		Transparent	
Size	2 mm	2.5 mm	2 mm	2.5 mm	2 mm	2.5 mm
Contents	1000 pcs / pack					
Made in Japan						



Beading Needle SAKUSAKU

BEADING NEEDLE SAKUSAKU

Beading needles for threading pearls, beads, bracelets, and necklaces. Place beads in a long, thin tube and insert the needle into the beads and move it up and down to easily thread the beads onto the needle. Made of thin and soft stainless steel.

Item Code	701-304
Material	Stainless Steel
Size	75 mm
Contents	2 pcs



Pearl Storage Case JEPEARL

PEARL STORAGE CASE JEPEARL

Ideal pearl case for keeping pearls, jade, and tortoiseshell. It has the three principles of care: wiping, humidity control, and dark storage. Ultra-micro fibers press down on the pearls from top and bottom and absorb dirt.

Item Code	701-305
Color	Navy
Dimensions	198 x 137 x 43 mm
Made in Japan	



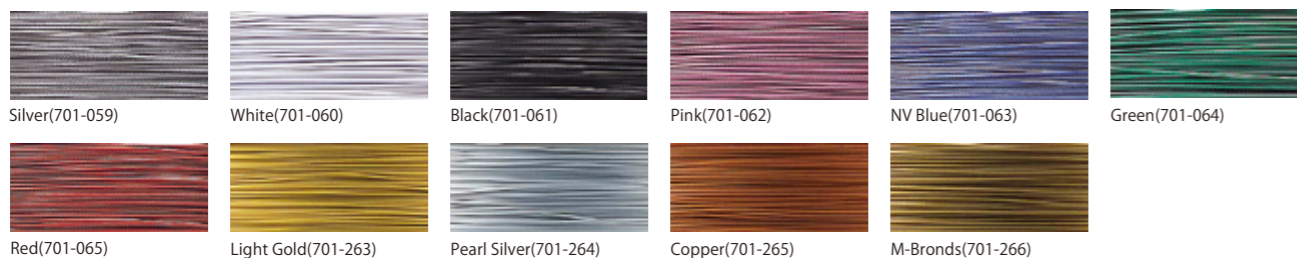
Cenfill Stainless Steel Wire

CENFILL STAINLESS STEEL WIRE

High quality stainless wire coated by Nylon. Each wire is composed of 7 strands with enough strength. Other diameter, number of strands wires are also available.

Material	Stainless Steel Wire (7 strands), Coated Nylon
Diameter / Length	0.4 mm / 100 m or 500 m / roll
Color	15 colors
Made in Japan	

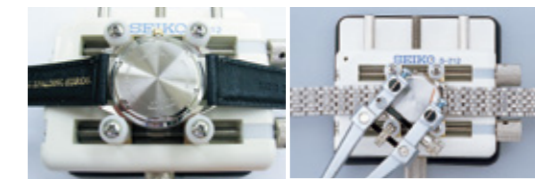
COLOR CHART



Silver(701-059) White(701-060) Black(701-061) Pink(701-062) NV Blue(701-063) Green(701-064) Red(701-065) Light Gold(701-263) Pearl Silver(701-264) Copper(701-265) M-Bronds(701-266)



SEIKO Watch Holder Vise



SEIKO WATCH HOLDER VISE

Can be used without removing bands. Both side pins are freely adjustable for various types of watches.

Item Code	801-214
Product Name	SEIKO Watch Holder Vise 5212 (Multi)
Weight / Dimensions	395 g / 108 x 97 x 50 mm
Made in Japan	



SEIKO Multiple Band Sizing Tool



SEIKO MULTIPLE BAND SIZING TOOL

Designed to make your watch band sizing jobs a whole lot easier. Adjusts 7 different band adjustment methods. Complete tool for removing all types / sizes of pushpins, clip springs, free pins and c-ring pipes, screws, fixing pins and spring bars.

Item Code	820-048
Model	S-926
Weight / Dimensions	140 g / 96 x 87 x 35 mm
Made in Japan	

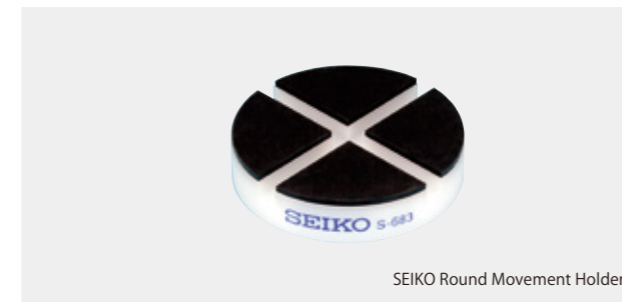


SEIKO Versatile Movement Holder

SEIKO VERSATILE MOVEMENT HOLDER

Versatile movement holder that can be used for all types of work. Disassembly and assembly of movement and putting needles in and cleaning the dial, etc. Diagonal notches can adjust various sized movements. Rubber has an excellent anti-slip effect.

Item Code	820-049
Model	SE-S-682
Dimensions	60 x 40 x 15 mm
Made in Japan	



SEIKO Round Movement Holder

SEIKO ROUND MOVEMENT HOLDER

Round shape movement holder for disassembly and assembly of movements. Conductive silicon rubber protects the watch circuit from static electricity.

Item Code	820-050
Model	S-683
Size	φ40 x 8 mm
Made in Japan	



SEIKO Square Movement Holder

SEIKO SQUARE MOVEMENT HOLDER

Square shape movement holder for disassembly and assembly of movements. Ideal for chronograph watch movements.

Item Code	820-051
Model	S-684
Dimensions	40 x 40 x 8 mm
Made in Japan	



MKS Handy Case Opener

MKS HANDY CASE OPENER

Universal watch case opener. Its V style design features double pins that are great for removing the various types of screw-on case backs.

Item Code	801-056	820-001
Model	19400	19460 (Wide)
Weight / Dimensions	215 g / 150 x 50 x 30 mm	220 g / 150 x 90 x 30 mm
Diameter up to	39 mm	60 mm
Made in Japan		



MKS Press Watch Case Closer

Plastic Diet Set

MKS PRESS WATCH CASE CLOSER / MKS PLASTIC DIET SET

MKS press watch case closer. Perfect for closing the watch case after resizing or repairing. Use with plastic dies set (ϕ 19.0 – 38.5mm).

Item Code	820-052	820-053
Model	46610 (Press Watch Case Closer)	49540 (Plastic Diet Set)
Shaft Diameter (Body)	ϕ 10 mm	
Dies Size	ϕ 19.0, 21.0, 23.0, 25.0, 27.5, 29.0, 31.0, 33.0, 35.0, 38.5 mm	
Weight / Dimensions	1.5 kg / 60 x 110 x 140 mm	124 g / 175 x 108 x 62 mm
Made in Japan		

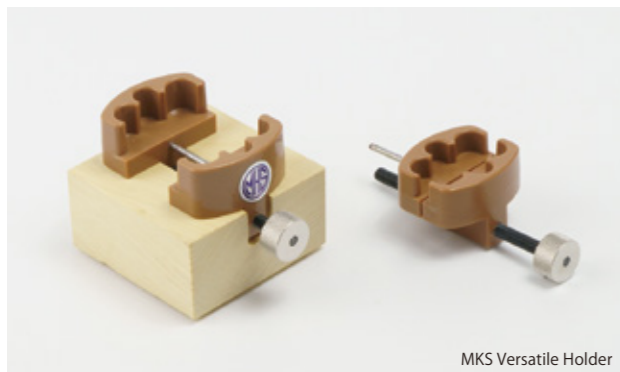


MKS Universal Movement Holder

MKS UNIVERSAL MOVEMENT HOLDER

For holding the movements of mechanical watches. Four different sides adjust various type of movements.

Item Code	820-054
Model	21600
Weight / Dimensions	50 g / 70 x 30 x 25 mm
Made in Japan	



MKS Versatile Holder

MKS VERSATILE HOLDER

It holds the watch case firmly when opening and closing. There is rubber under the wooden base to prevent slipping. Very useful for screw backs and other types of watches that require turning to open watch cases.

Item Code	820-055
Model	19600
Weight / Dimensions	270 g / 150 x 110 x 30 mm
Made in Japan	



MKS-01

MKS-02

S-282

S-283

S-284

WATCH OPENER

For opening the watch case. Different shapes of tips available.

Item Code	801-058	801-059	801-060	801-061	801-218	801-219	801-220
Brand	MKS			SEIKO			
Model	MKS-01	MKS-02	S-282	S-283	S-284		
Color	Blue	Brown	Pink	Yellow	Red		
End Size	19 mm	9 mm	9 mm	4 mm	8 mm	5 mm	4 mm
Made in Japan							



Digital Multimeter

DIGITAL MULTIMETER TY520

A digital multimeter is a diagnostic tool that measures two or more electrical values. The device measures electrical values such as current, voltage, and resistance, and more and shows the values on a numerical display and a graph display. It can test diodes and transistors.

Item Code	820-070
Model	TY520
Weight/ Dimensions	560 g / 90 x 192 x 49 mm
Battery	AA battery x 4 / 120 hours



SEIKO Digital Multimeter

SEIKO DIGITAL MULTITESTER S-880

Multitester designed for watch exclusive. Replacement model of S-860. Easy view, reading essential tools at watch shop, watch repairer.

Item Code	820-071
Model	S-880
Weight/ Dimensions	290 g / 155 x 74 x 30 mm
Battery	AA battery x 2 / 400 hours



SEIKO Digital Battery Tester

SEIKO DIGITAL BATTERY TESTER

Handy and portable battery tester. Terminal surface on body and easy operation. Blister packed batteries can be tested with convexed terminal as well. Maximum power DC50V.

Item Code	801-376
Model	S-844
Weight / dimensions	110 g / 54 x 108 x 12 mm
Battery	LR-44 (or SR-44) 1.5 V x 2
Accessories	Soft carry case



A&D Digital Multimeter

A&D DIGITAL MULTIMETER

A convenient and easy to use digital multimeter. Equipped with plenty of functions, including DC/AC voltage, DC current, resistance, continuity check and diode check functions, and dry battery check function.

Item Code	820-056
Model	AD-5527A
Display	1999 count / LCD
AC Voltage (V)	200 / 400, Maximum accuracy \pm (1.2% rdg + 5 dgts)
DC Current	2000 μ / 20 m / 200 mA, Maximum accuracy \pm (1.0 % rdg + 4 dgts)
DC Voltage	200 m / 2 / 20 / 200 / 400V, Maximum accuracy \pm (0.8 % rdg + 5 dgts)
Weight / dimensions	90 g / 60 x 20 x 113 mm
Battery	LR44 button battery x 2



Handy Gauss Meter

HANDY GAUSS METER

Portable, compact gauss meter. The miniaturized sensor (ϕ 8mm) is ideal for watch applications.

Item Code	820-016
Model	TGM-20
Weight / Dimensions	300 g / 80 x 150 x 50 mm



EYA-30 - 60

EYA-100, 150

EYE LOUPE ALUMINUM

Eye loupe with aluminum body. Light weight with excellent lens. Various magnifications to suit your needs.

Item Code	106-299	106-300	106-301	106-178
Model	EYA-30	EYA-35	EYA-40	EYA-50
Magnification / Lens	3X / Single	3.5X / Single	4X / Single	5X / Single
Body Material	Aluminum			
Size	φ 37 x 28 mm			

Item Code	106-302	106-179	106-180
Model	EYA-60	EYA-100	EYA-150
Magnification / Lens	6X / Single	10X / Double	15X / Double
Body Material	Aluminum		
Size	φ 37 x 28 mm	φ 37 x 43 mm	

Made in Japan



MKS Watch Screwdrivers Set

MKS WATCH SCREWDRIVERS SET

Body made of brass. Tip made of quenched metal can be sharpened again with grinding stone in case of the tip break.

Item Code	801-084	801-083
Product Name	MKS Watch Screwdrivers Set of 5	MKS Watch Screwdrivers Set of 10
Contents	φ 0.7, 1.0, 1.4, 1.6, 2.0 mm	φ 0.5, 0.6, 0.7, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0 mm



No.930

No.800

SCREWDRIVERS SET

Professional to general use screwdrivers set with reasonable price.

Item Code	801-184	801-181
Product Name	Screwdrivers 6 pcs set	
Model	No.930	No.800
Contents φmm φNo	φ1.2φ1.8φ2.3φ3φ00φ0	φ0.9φ1.2φ1.8φ2.1φ00φ0



MKS Driver Sharpening Roller

MKS DRIVER SHARPENING ROLLER

For sharpening blade of screwdrivers. Smooth rollers glide on sharpening stone for precise blade sharpening.

Item Code	820-004
Applicable Size	Up to φ 6 mm



MKS Arkansas Stone/Indian Stone

SHARPENING STONE

Sharpening stone for screwdrivers. In case of tip crack of the screwdriver, start making shape with Indian stone, and finish precisely with Arkansas stone.

Item Code	820-006	820-005
Model	26500	44600
Type	Arkansas Stone(Fine)	Indian Stone(Medium)
Weight / Dimensions	50 g / 25 x 6 x 100 mm	90 g / 26 x 16 x 100 mm



CITIZEN Holder Vise

CITIZEN HOLDER VISE

Holder vise for metal watch belts made by Citizen. For holding the watch bands without scratching and for installation and removal of pins.

Item Code	820-057
Model	CTB-053
Holding Size	0 - 10 mm
Material	Duracon (POM)
Weight / Dimensions	75 g / 40 x 35 x 34.5 mm

Made in Japan



MKS Both-End Pin Tool

MKS BOTH-END PIN TOOL

Both end pin tool with cap. Different diameter size and length of pins. Spare pins are available.

Item Code	820-008	820-007
Model	19900	19901 (Long Type)
Pin Size	0.7 x 8 mm / 0.9 x 8 mm	0.7 x 8 mm / 0.8 x 16 mm



MKS Pin Tool Set

MKS PIN TOOL SET

Quality pin punches of 3 different size sets, for taking out pins from bracelets and watch bands. Spare tips are available.

Item Code	820-015
Model	35500
Contents	3 Pins (0.7, 0.8, 1.0 mm)



ANEX Pin Tool Set

ANEX PIN TOOL SET

Watch pin tool set for changing metal watch band. Each size has different pin holder lines, that helps to find the size you like to pick up.

Item Code	820-072
Model	68-P3
Size	60 mm / Pins φ 0.7, φ 0.8, φ 0.9 x 20mm
Material	Tip: Piano wire / Holder: Copper alloy
Option	Replacement tip(5 pcs) 0.7, 0.8, 0.9 mm

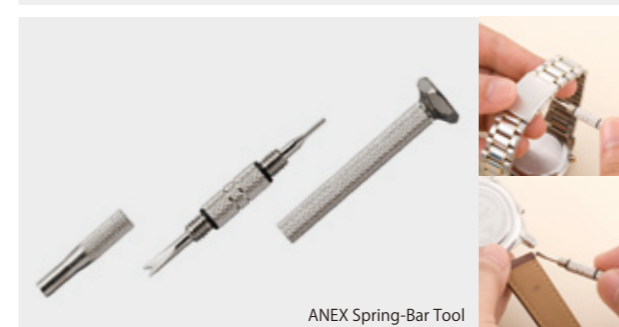


MKS Spring-Bar Tool

MKS SPRING-BAR TOOL

Essential tool for changing watch band.

Item Code	801-202	801-203	801-204
Product Name	46000	TIP460-2 (10 pcs)	TIP460-3 (10 pcs)
Size	φ 6 x 100 mm	φ 0.8 mm	φ 2.0 mm

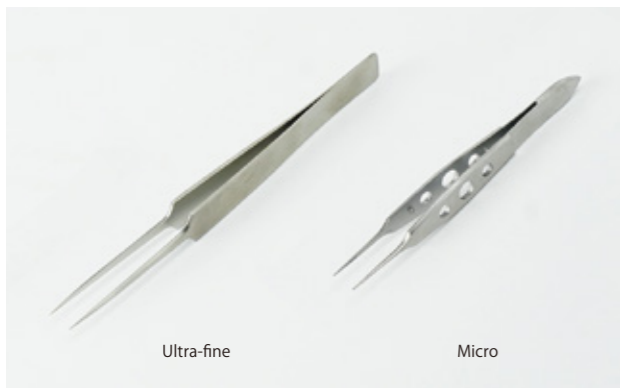


ANEX Spring-Bar Tool

ANEX SPRING-BAR TOOL

Tool for changing watch band, to hold spring bar. Double ended pin and Y shaped tool.

Item Code	820-073
Model	88W
Size	96 mm / Pin φ 0.8mm & Y shaped
Material	Tip: Chrome molybdenum vanadium steel Holder: Copper alloy
Option	Replacement tip(5 pcs) 0.7, 0.8, 0.9 mm



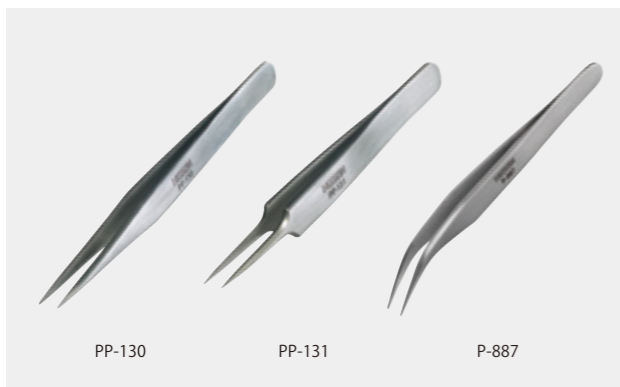
Ultra-fine

Micro

ULTRA FINE TWEEZERS & MICRO TWEEZERS

Ultra fine tweezers are made by skilled craft man in Japan. Fine tips meet on exact point precisely, so that you can hold even very tiny part. Tip part of the tweezers are like needle. Micro tweezers are made especially for tiny parts operation. 90mm compact body make it easy to handle. Even 1mm flake of parts can be picked up.

Item Code	401-069	401-070
Type	Ultra-fine	Micro
Material	18-8 Stainless	SUS410
Weight / Size	15g / 125 x 10 mm	8 g / 90 x 9mm



PP-130

PP-131

P-887

TWEEZERS P SERIES

Tweezers with a smooth feel and precision tip. Suitable for continuous work without hurting the operator's fingers. SUS304 stainless steel with thickness 2.3mm achieve both moderate rigidity and non-magnetic and corrosion resistance. Good for changing watch batteries, holding parts, etc.

Item Code	401-066	401-067	401-068
Model	PP-130	PP-131	P-887
Material	Stainless Steel (SUS304)		
Thickness	2.3 mm		
Tip Width	0.6 mm	0.25 mm	0.6 mm
Weight / Size	25 g / 125mm	21 g / 110 mm	25 g / 125mm



MKS Hammer

MKS HAMMER

Japanese made Hammers, one side plastic and the other side brass heads. Wood handle and balanced weight for easy handling.

Item Code	820-017	820-018
Model	44400 (Small)	17900 (Medium)
Weight / Size	60 g / 230 x 10 mm	80 g / 230 x 13 mm
Made in Japan		



NO. 9012

NO. 9053

NO. 9016

NO. 9056

NO. 9057

COMBINATION HAMMER MINI & MICRO

One side Iron, other side Nylon hammer and balanced weight are designed for precision hammering works as well as watch repair, maintenance.

Item Code	801-302	801-304
Model	No.9012	No.9016
Head Material	Iron & Nylon heads	
Size	245 x 65 x 14(Head) mm	180 x 56 x 12(Head) mm
Option	Nylon head 3 pcs set No.9053	No.9056 Teppeseiki, brass, nylon 1 each set No.9057 Nylon head 3 pcs set
Made in Japan		



Japanese Quenched Pliers

JAPANESE QUENCHED PLIERS

Very useful for precise work for watch & jewelry making. You can change or re-design the forged iron tip as you like.

Item Code	301-001	301-002	301-003	301-004	301-005
Model Number	#00	#0	#1	#2	#3
Length	110 mm	112 mm	118 mm	125 mm	130 mm
Made in Japan					



Tsumaori Pliers

TSUMAORI PLIERS

Precise works hold or taking out parts. Used a lot for watch making.

Item Code	301-093	301-094	301-095
Model	#31	#32	#33
Length	110 mm	120 mm	127 mm
Made in Japan			



Silicon Grease

SILICON GREASE

Silicone Grease for O-ring Gaskets. Essential item when repair or battery change.

Item Code	801-221	820-019
Model	49100	Large
O-ring size	Up to 40 mm	Up to 64 mm
Made in Japan		



SEIKO Silicon Grease A-MY451(TSF)

SEIKO SILICON GREASE

High quality silicone greaser to seal waterproof watches. Essential for replacing batteries and waterproofing gaskets. Lubricant with excellent water repellency. Prevents sweat, moisture, and dust from the watch.

Item Code	820-020	820-060
Model	A-MY451 (TSF)	S-916
Contents	4 g	10 g
Made in Japan		



SEIKO Watch Grease

SEIKO WATCH GREASE

S-3: Automatic-winding mainspring oil. AO-G09A: Become less oxidation, less reactive again other molecularly, so that it can keep the its quality. And it has good abrasion-resistant for metal and plastics. Can be used alternative grease of S-4 and S-6.

Item Code	801-332	820-074
Model	S-3	AO-G09A
Contents		10 g



Watch Oil

WATCH OIL

AO-2: Rotors, fifth wheel and pinion, train wheel tenon etc.
AO-3: Train wheel tenon, back peripheral sliding parts, switching mechanisms.

Item Code	801-335	801-336
Model	AO-2	AO-3
Type	Low viscosity	Medium viscosity
Contents		2 ml



SEIKO UV Adhesive S-314

SEIKO UV ADHESIVE S-314

Used to secure watch crystals on some case designs. It is suitable for waterproof watches up to 10ATM and is cured with a UV light.

Item Code	820-024
Model	S-314
Contents	10 g



Heat Resistant Film Adhesive Tape



HEAT RESISTANT FILM ADHESIVE TAPE

Excellent heat-resistant adhesive tape. Masking for operations that generate heat such as polishing, plating, and blasting. Also, masking areas that you do not want to be polished. Protects products from scratches and stains, and can be peeled off cleanly without sticking.

Item Code	820-062	820-063	820-064	820-065	820-066
Model	SP-10V	SP-20V	SP-50V	SP-70V	SP-100V
Size	1 mm x 30 m	2 mm x 30 m	3 mm x 30 m	7 mm x 30 m	10 mm x 30 m

Made in Japan

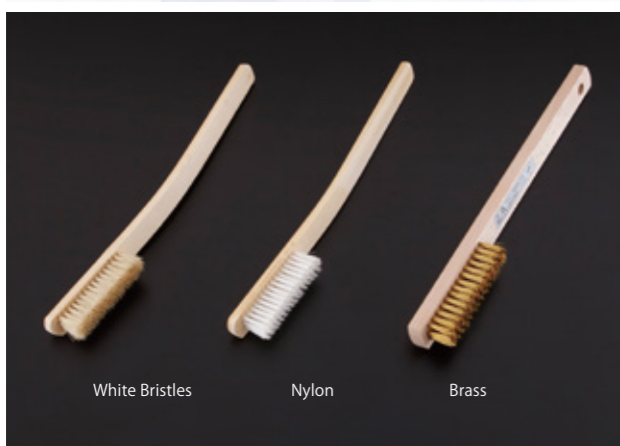
ANTISTATIC RUBBER FINGER COT

Natural rubber, Sulfur-free, Surface resistance 10^{10} - $10^{12}\Omega$ /sp. Sulfur content does NOT contain and are used in various industries, electronics, precision apparatus as well as watch industry.

Item Code	801-205	801-206
Size		50 x ϕ 15 mm
Contents	1000 pcs	500 pcs



Antistatic Rubber Finger Cot



White Bristles

Nylon

Brass

BRUSH

Different types of brush for polishing or cleaning.

Item Code	305-171	305-172	305-112
Type / Model	White Bristles / 21800	Nylon / 43800	Brass / 19300
Size	250 mm	230 mm	239 mm / 4 rows / 16 columns
Brush	-	-	Diameter 0.14 / Length 16 mm



Japanese Lacquer Brush



JAPANESE LACQUER BRUSH

Cleaning brush for watch and precision products. 150mm length, selected soft horsehairs are in whole stick. So brush hair will not come out when you use. When wear the brush, just cut the wore brush and sharp like pencil. Useful when cleaning the small parts on dish, or directly to the instrument.

Item Code	801-404	801-405	820-075	820-076
Color of grip	Red	Black	Red Mini	Black Mini
Size	150 x 15 mm / Brush 13W x 2H mm		110 x 15 mm / Brush 13W x 2H mm	

Made in Japan



Dust Blower



Dust Blower Brush



Non Adhesive Film Tape



Watch Bag



Watch Bag



Watch Carry Case

DUST BLOWER

The compression of large rubber ball provides a powerful jet of air to blow away dust from lenses and precision instruments.

Item Code	801-211
Model	UN-1301
Style	Blower brush
Weight	44 g

Made in Japan

DUST BLOWER BRUSH W/CAP

Includes a cap to prevent the brush from getting dirty while carrying. Compressed air can be injected with the cap closed.

Item Code	801-209	801-210
Model	UN-1141	UN-1142
Style		Blower brush with cap
Weight	24 g	11 g

Made in Japan

NON ADHESIVE FILM TAPE

Transparent film tape for masking, protection of watch and jewelry etc. You can pack nicely with strong, durable and autohesion tape.

Item Code	801-208	801-207
Size	100 mm x 50 M	50 mm x 100 M
Thickness	100 micron	50 micron

Made in Japan

WATCH BAG

Watch bag for maintenance, repair. It has pocket for paper work. Zip lock keep inside small part well.

Item Code	820-068
Color	Clear
Size	240 x 180 x 0.2 mm
Contents	10pcs

Made in Japan

WATCH BAG

Plastic bag for watches. One side zip, the other side with pocket. Useful for managing repair process.

Item Code	801-330	801-342	801-343	801-344
Color	Green	Red	Blue	Clear
Size			160 x 90 mm	
Contents			50 pcs	

Made in Japan

WATCH CARRY CASE

Watch carry case to protect watch, when traveling, carrying out.

Item Code	820-069
weight	60 g
Size	160 x 60 x 0.2 x 50 mm