

JEWELLERY CATALOGUE 2026

OZ Black



**Agkem
245J Pro**



DXL 800





Laser Spot Welding

AGKEM 245J Pro

The **AGKEM 245J Pro** features an advanced digital microprocessor that delivers ultra-accurate high-energy measurements with real-time analysis every 100 microseconds. A 7" color touch display, it ensures maximum precision and seamless control for every operation.

EXCLUSIVE
DISTRIBUTOR
GENUINE PRODUCT


MADE IN ITALY

Technical Specification

Power Supply	:	230 VAC, 50/60 Hz
Absorption [A]	:	10
Type of Crystal	:	Nd:YAG
Crystal diameter [mm]	:	7
Lamp diameter [mm]	:	8
Pulse energy [Joule]	:	245
Max pulse duration [ms]	:	25
Peak pulse-power [KW]	:	10
Average Power [W]	:	100
Pulse Frequency [Hz]	:	30
Spot Size [mm]	:	0.2..2
External Display	:	7" Colour touch-screen Display
Stereomicroscope	:	10X at 45° binoculars and cross-hair pointer by LEICA
Inside chamber Joystick	:	Yes
Weight [kg]	:	55
Cooling tank [lt]	:	4
Webcam	:	Yes Output on USB
Cooling System	:	Double powerful integrated Cooling System
Memories	:	100 Cell Memories with the Name
Pulse-Shaping Programs	:	Yes

Laser Spot Welding

AGKEM 180J

The new digital microprocessor incorporated in the **AGKEM 180J** works 100 times faster than traditional systems. and is able to measure the high energy precisely, analyzing it and sampling it every 100 micro seconds.

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Technical Specification

Power Supply	:	230 VAC, 50/60 Hz
Absorption [A]	:	10
Type of Crystal	:	Nd:YAG
Crystal diameter [mm]	:	7
Lamp diameter [mm]	:	7
Pulse energy [Joule]	:	180
Max pulse duration [ms]	:	20
Peak pulse-power [KW]	:	9
Average Power [W]	:	100
Pulse Frequency [Hz]	:	30
Spot Size [mm]	:	0.2..2
External Display	:	TFT 5.7" colour touch-screen
Stereomicroscope	:	10X at 45° binoculars and cross-hair pointer by LEICA
Inside chamber Joystick	:	Yes
Weight [kg]	:	55
Cooling tank [lt]	:	3
Webcam	:	Yes Output on USB
Welding-spot Setting	:	Motorized, 30 Positions
Pulse-Shaping Programs	:	Yes



Precious Metal Analyzer **Niton™ DXL 800**

- Standard Analytical Range : 24 elements including all precious metal.
- Non-Destructive Analysis with near Instantaneous Result.
- Exceptionally Fast, Easy to use - see results in seconds on a bright, Touch-screen color display.
- No Harsh Chemicals or Acids that can burn your fingers, run clothing and damage counter tops.

EXCLUSIVE
DISTRIBUTOR
GENUINE PRODUCT



Technical Specification

Weight	: 17 lbs (7.7kg)
Outside Dimensions	: 396mm*206mm*265mm
Test Chamber Dimensions	: 172mm*184mm*133mm
Tube	: Ag anode 45 kV maximum, 80μA Maximum
Detector	: High-performance Si-PIN semiconductor
System Electronics	: ● 400 MHz ARM 11 CPU
	● 300 MHz dedicated DSP
	● 80 MHz ASICS DSP for signal processing
	● 4096 channel MCA
	● 64 MB internal system memory / 128 MB internal user storage
Display	: Color touch-screen display
Standard Analytical Range	: 24 elements including all precious metals
Data Storage	: Internal>10,000 readings with spectra
Data Transfer	: USB
Security	: Password-protected user security



Precious Metal Analyzer **Niton XL2 100P**

- Niton XL2, with point-and-shoot simplicity, you can view the alloy grade and chemistry on the built-in, color, touch-screen display.

**Exclusive
DISTRIBUTOR**
GENUINE PRODUCT



Technical Specification

Weight	: 3 lbs 5.8 oz (1.53 kg)
Dimensions	: 10.25 x 11 x 4 in (256 x 275 x 100 mm)
Tube	: Ag anode 38 kV maximum, 80 uA Maximum
Detector	: High-performance semiconductor
System Electronics	: • 400 MHz ARM 11 CPU • 300 MHz dedicated DSP • 80 MHz ASICS DSP for signal processing • 4096 channel MCA • 64 MB internal system memory / 128 MB internal user storage
Display	: Fixed angle, Color touch-screen display
Standard Analytical Range	: 24 elements including all precious metals
Data Storage	: Internal > 10,000 readings with spectra
Data Transfer	: USB, Bluetooth, and RS-232 serial communication
Security	: Password-protected user security



Portable Precious Metal Analyzer APM 500

Showroom Purpose & Cash for Gold

- Excellent XRF Analyzer for Gold Fineness Quality Control
- Inbuilt computer and screen
- High precision detection $\pm 0.03\%$
- Smarter FP algorithm, fast and stable
- Easy to operate non-destructive analysis
- All-in-one design
- Big test chamber, suitable for many industries, such as jewellery, mining etc
- Support online after-sales service, instantly resolve customer issues

Specification

- ◆ Machine size: 330 x 580 x 360mm
- ◆ Chamber size: 320 x 480 x 130mm
- ◆ N/G Weight: 40Kg/60KG
- ◆ X-ray tube: 50W (50 kV, 1mA) micro-focused tungsten ray tube
- ◆ Detector: Si-pin detector(Ketak German)
- ◆ Collimator: $\phi 2.5\text{mm}$
- ◆ Power Supply: AC 100~220V $\pm 5\text{V}$ 50Hz
- ◆ Safety protection: Equipped with a dedicated T-shaped radiator to dissipate the heat, no need to wait for cooling
- ◆ Screen: 11.6" touchscreen
- ◆ Inbuilt Computer: i5-1035G7, Window 11
- ◆ Rated power: 100W
- ◆ Temperature: 10°C~35°C
- ◆ Humidity: 40%-70% (Non Condensing)

Features

- ◆ Analysis elements: K(No.19)~U(No.92)
- ◆ Test sample: Solid/ Liquid/ Gas
- ◆ High-Performance X-Ray Tube
- ◆ Ultra-High Resolution Detector
- ◆ Digital Multi-Channel Processing
- ◆ Built-in Radiation protection device (automatically cut off)
- ◆ Safety inter-lock , can open the instrument only in power on condition, (closed performance) Radiation Indicator
- ◆ New algorithm optimizes the spectral resolution, so lower detection limits can be achieved.



Portable Precious Metal Analyzer APM 300

Showroom Purpose & Cash for Gold

- High-precision precious metal analysis with fast and accurate results.
- Non-destructive XRF testing for reliable gold purity detection.
- Smart software with user-friendly and easy operation.
- Compact all-in-one design with stable performance.
- Ideal for jewellery, hallmarking, refinery, and trading applications.

Specification

- ◆ Analysis Range: 0.01% to 99.99%
- ◆ Accuracy: $\pm 0.5\%$ (Au $\geq 96\%$)
- ◆ Sample Form: Solid, Powder, Liquid
- ◆ High Voltage: 0 ~ 50kV / 0 ~ 1mA
- ◆ Detector Type: Mini SiPIN
- ◆ X-ray Source: W-target x-ray tube with triple stage cooling
- ◆ Collimator: Most optimum size 2mm
- ◆ Sample Chamber Size: 310×270×100 mm
- ◆ Test Time: 5 ~ 60 secs (User Selectable)
- ◆ Measuring Elements: Au, Ag, Pt, Pd, Cu, Zn, Ni, Cd, Pb, In
- ◆ Camera: HD camera
- ◆ Filters: Selectable customized switches
- ◆ Multichannel Analyzer: JP Digital multichannel
- ◆ Analysis Software: JP qualitative and quantitative analysis software
- ◆ Dimensions: 420×420×360 mm
- ◆ Net Weight: 28Kg

Environmental Conditions

- ◆ Ambient Temperature: 5°C ~ 38°C
- ◆ Relative Humidity: 15% ~ 90%
- ◆ Power Supply: AC 110V ~ 260V, 50 / 60Hz
- ◆ Installation Requirement: No high-power electromagnetic and vibration interference sources nearby.





Portable Precious Metal Analyzer Gold Plus

Showroom Purpose & Cash for Gold

- Fast, precise and non-destructive precious metals testing
- Built-in industrial computer
- Multi-point hand touch touchscreen
- Active radiation protection
- Easy to operate non-destructive analysis
- One-key smart test fast and accurate
- A good helper for jewelry store integrity display
- Support online after-sales service, instantly resolve customer issues

Specification

- ◆ Input voltage: AC100~220V±5V, 50/60Hz
- ◆ Package size: 590 x 555 x 530mm
- ◆ Machine size: 420 x 400 x 420mm
- ◆ Sample chamber size: 320 x 260 x 110mm
- ◆ Rated power: <150W
- ◆ Net/Gross Weight: 33KG/45KG
- ◆ Detector: Gas proportional Detector
- ◆ Built-in industrial computer: Intel Sandy Bridge highly integrated industrial motherboard
- ◆ HV power supply: 0~50KV/0~1mA
- ◆ X-ray tube: 50KV/1mA
- ◆ Collimator: ϕ 2.5mm
- ◆ Noise: $\leq$ 50dB
- ◆ Temperature: 00C~280C
- ◆ Humidity: <70% (Non Condensing)

Features

- ◆ Analysis elements: Au, Ag, Cu, Zn, Ni
- ◆ Test sample: Solid
- ◆ X-ray Tube overheating protection
- ◆ High Voltage protection
- ◆ Extension wire and the auxiliary bracket
- ◆ Inbuilt industrial motherboard & multi point hand touch
- ◆ Warm-up and anti interference procedure is controlled by the program, to reduce the interference by the reflected X-ray & the spectrums, to add the accuracy and stability

Jewellery 3D Printer

Saturn 4 Ultra 16K



Specification

- ◆ XY Resolution: 15120*6230 (14×19μm)
- ◆ Build Volume: 211.68x118.37×220 mm
- ◆ Smart Tank Heating, Flawless Prints at 30°C
- ◆ New AI Camera with Light for All-Day Monitoring
- ◆ COB Light Source + Fresnel Collimating Lens
- ◆ Tilt Release Innovation, Blazing Fast
- ◆ 10-inch 16K Mono LCD
- ◆ USB & Built-in Wi-Fi
- ◆ MAX 150 mm/h Printing Speed



Saturn 4 (12K)

Specification

- ◆ XY Resolution: 11520*5120 (19×24μm)
- ◆ Build Volume: 218.88×122.88×260 mm
- ◆ COB + Fresnel Collimating Lens
- ◆ Auto-Leveling & Intelligent Mechanical Sensor
- ◆ User-Friendly Structure & Advanced Cooling System
- ◆ Large Print Size of 218.88×122.88×220 mm³
- ◆ 3.5-inch Resistive Touch Screen
- ◆ 9H hardness tempered glass
- ◆ MAX 70mm/h Printing Speed



Mercury XS Bundle Wash & Cure Station



Specification

- ◆ 360° all-round exposure
- ◆ Large washing volume of 7000ml
- ◆ Easy and intuitive operation
- ◆ UV Protection Cover
- ◆ Size: 255mm*155mm*385.5mm
- ◆ Maximum Wash Volume
(with platform)180mm*121mm*153mm
(without platform)201mm*124mm*255mm

High Wax Resin High Wax Content 95%



Specification

- ◆ Printable Micro-fine structure, smooth surface
- ◆ No residue, No thermal expansion
- ◆ Designed for big and small ring
- ◆ Reduce post processing
- ◆ Viscosity: 350cps
- ◆ Density: 1.08g/cm³
- ◆ Hardness: 70D
- ◆ Tensile Strength: 15MPa
- ◆ Elongation at Break: 4.00%

Standard Photopolymer Resin

Beige



Grey

Specification

- ◆ Material: Polymer Resin
- ◆ Form: Liquid
- ◆ Compatible: All LCD / MSLA / DLP 3D Printers
- ◆ Hardness: 84 D; Shrinkage: 7.1 %

Features

- ◆ Low Shrinkage and High Precision
- ◆ Fast Curing and Great Stability
- ◆ Bright and Stunning Colors

STRONG OZ BLACK Brushless Micro Motor

Desktop type strong torque at low speed vertical / horizontal placement



**Exclusive
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GENUINE PRODUCT



Specification

- ◆ RPM: max 50,000 rpm
- ◆ Torque: 7.8 N.cm
- ◆ Input: 100-120, 220, 240V(50/60 Hz)
- ◆ Output: 230V
- ◆ Right & Left Turning ability
- ◆ Hand / Foot Turning ability
- ◆ Hand / Foot Speed Control system
- ◆ Self-diagnosis, Error Display, Work memory

Forte 400P Brushless Micro Motor



Specification

- ◆ RPM: 50,000 rpm
- ◆ Torque: 7.8 N. cm
- ◆ Brushless High Performance Handpiece
- ◆ Powerful Torque Type
- ◆ Overload Scanning System
- ◆ Simple-Easy Operation

Best Torque, Best Practical

STRONG 210/105L Micro Motor



Specification

- ◆ RPM : Max 40,000 rpm
- ◆ Torque : 300 gf.cm with 105L
- ◆ Input : 100, 110/320, 240V (50/60 Hz)
- ◆ Output : DC0-32V
- ◆ Right & Left Turning ability
- ◆ Foot Speed Control
- ◆ Foot Speed pedal and foot on/off pedal option

STRONG 204C/102L Carbon Brush Motor



Specification

- ◆ RPM : Max 40,000 rpm
- ◆ Torque : 280 gf.cm with 102L
- ◆ Input : 100, 110/320, 240V (50/60 Hz)
- ◆ Output : DC0-32V
- ◆ Right & Left Turning ability
- ◆ Foot Speed Control
- ◆ Foot Speed pedal and foot on/off pedal option

Mini-compact design Less Vibration standard carbon brush motor

Handpiece

Brushless

Forte 100AIII



- ◆ RPM: 50,000
- ◆ Torque: 7.8 N.cm

Carbon Brush

STRONG 105L



- ◆ RPM: 40,000
- ◆ Torque: 3.0 N.cm

Carbon Brush

STRONG 102L



- ◆ RPM: 40,000
- ◆ Torque: 2.8 N.cm

Ball Bearing



Micro Motor Carbon Set



Foot On/off Switch



Lead (Brushless H/p)



Spindle Assembly



Foot Speed Control



Sleeve Collect Chuck



Collect Chuck



Lead



Handpiece Holder



Micro Motor Armature



Motor Stand



Ultrasonic Cleaner **CD-4831** (With Heater)



Specification

- Tank Capacity: 3,000 ml
- Tank Size: 250 × 174 × 78 mm
- Digital Timer Setting: 1–30 min
- Tank Material: Stainless Steel SUS304
- Power Supply: AC 220–240V, 50/60Hz
- Ultrasonic Power: 70 W
- Heating Power: 100 W
- Moisture-Proof PCB
- Built-In Drainage Valve

Ultrasonic Cleaner **CD-4821** (With Heater)



Specification

- Tank Capacity: 2,500 ml
- Max Water Level: 2,100 ml
- Tank Size: 245 × 150 × 76 mm
- Digital Timer Setting: 1–30 min
- Tank Material: Stainless Steel SUS304
- Power Supply: 50/60 Hz
- Frequency: 35 kHz
- Moisture-Proof PCB

CASTING ALLOYS

9K-14K Yellow Gold Casting Alloys

Alloy Code	Color	Recom Karat	Application	Special Comments
UA 1	Rich Yellow	9-14K	Casting	High Performance, High reusability
200	Bright Yellow	9-14K	Casting	Low Silver, high reusability for open System
278	Greenish Yellow	9-14K	Casting	High fluidity & tarnish resistant, Stone-in-Place
NA200	Bright Yellow	9-14K	Casting	Very High fluidity, Low Silver, Stone-in-Place
Na485	Bright Yellow	9-14K	Casting	Very High fluidity, Low Silver, Stone-in-Place
VHF 10	Greenish Yellow	9-14K	Casting	High Performance, High Reusability, Design & Stone-in-place
NAUA1	Rich Yellow	9-14K	Casting	High Performance, High reusability

18K Yellow Gold Casting Alloys

Alloy Code	Color	Recom Karat	Application	Special Comments
315	Bright Yellow	18K	All Purpose	Excellent for casting and Fabrications, European 3N color
713	Bright Yellow	18K	Casting	Excellent Work ability, High Luster
720	Rich Yellow	18K	Casting	Smooth Surface
760	Greenish Yellow	18K	Casting	Low de-ex, European 2N color
790	Deep Yellow	18K	All Purpose	Low de-ex, European 4N color
792	Deep Yellow	18K	Casting	Tarnish resistance version of #790
NA290	Rich Yellow	18K	Casting	High Performance, High fluidity Alloy
Na790	Deep Yellow	18K	Casting	High fluidity Version of #790
NAUA1	Rich Yellow	18K	Casting	Smooth Surface

20K-22K Yellow Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
Ua1	Standard Yellow	20-22K	Casting	High performance, High Reusability
367	Rich Yellow	20-22K	Casting	High Fluidity, High Hardness
390	Bright Yellow	20-22K	All Purpose	Low Silver, High Fluidity
854	Reddish Yellow	20-22K	Casting	High Fluidity, Low Silver & Stone-in-Place
Na200	Rich Yellow	20-22K	Casting	High performance, High Reusability
NAUA1	Rich Yellow	20-22K	Casting	High performance, High Reusability

CASTING ALLOYS

9K-18K Nickel/Nickel-Silver Based White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
907	Premium White	14-18K	Casting	Excellent Whiteness, Rhodium Plating Optional
915	Premium White	14-18K	Casting	High Reusability & Surface Luster
M930	Premium White	9-18K	Casting	High Reusability, Fluidity & Surface Luster
943	White	9-14K	Casting	High Silver Based, Soft Work ability
952	Ultra White	9-14K	Casting	Silver Based, High fluidity, stone-in-place
970	Medium White	9-18K	Casting	Low silver, Low Nickel, Soft Work ability
974	Ultra White	9-18K	All Purpose	Low silver, High fluidity, stone-in-place
982	Ultra White	9-18K	Casting	Excellent fluidity, stone-in-place
983	Ultra White	18K	All Purpose	High fluidity, stone-in-place
T5	Medium White	9-18K	Casting	Low Nickel, Soft Work ability

9K-10K Nickel & Palladium “FREE” White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
936	Medium White	9-10K	Casting	High fluidity, & User-friendly
980	Medium White	9-10K	Casting	Easy Work flow, Soft
Rom 2	Medium White	9-10K	All Purpose	User friendly, suitable for ear-posts
F1	Medium White	9-14K	All Purpose	Patented, High fluidity, Excellent Color in 14K

9K-18K Palladium White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
PD1	White	9-14K	Casting	Sulphate bonded (regular) investment
PD2	Vanilla White	14-18K	Casting	High Surface luster, Pt investment recommended
PD5	Silvery White	9-18K	All Purpose	Low PD content, soft alloy
PD11	Bright White	18K	Casting	Use with Pt. investment powder & casting machine
PD20	Vanilla White	14-18K	All Purpose	Easy work ability, Pt. investment recommended

FABRICATION ALLOYS

9K-14K Yellow Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
291	Rich Yellow	9-14K	Fabrication	Reverse Heat-Treatable for Fab. & Machining
805	Greenish Yellow	9-14K	Fabrication	Color Match to #278 & #VHF-10
820	Standard Yellow	9-14K	Fabrication	Low Silver, Light Weight, Best for Rolling. Wire & Stamping
823	Medium Yellow	9-14K	Fabrication	Excellent, User-Friendly for sheet, Wire & Stamping
824	Rich Yellow	9-14K	Fabrication	Color Match to Ua1, Good for chain making & Tubing

18K Yellow Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
291	Rich Yellow	18K	Fabrication	Reverse Heat-Treatable for Fab. & Machining
315	Bright Yellow	18K	Fabrication	All Purpose for wire, Sheet & Tube Making, Heat Treatable, European 3N color
725	Rich Yellow	18K	Fabrication	Excellent for Sheet, wire & Tube Making
795	Dark Yellow	18K	Fabrication	Excellent, User friendly, Sheet, Wire & Tube Stamping

20K-22K Yellow Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
354	Bright Yellow	20-22K	Fabrication	Hard Alloy for 22K Sheet, Wire & Stamping
821	Standard Yellow	20-22K	All Purpose	Grain Refined, Hard Surface Luster
823	Medium Yellow	20-22K	All Purpose	Cobalt Based Hard Alloy

9K-10K Nickel & Palladium "FREE" White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
Rom 2	Medium Yellow	9-10K	Fabrication	User friendly, suitable for ear-posts

FABRICATION ALLOYS

9K-18K Nickel-Silver Based White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
860	Ultra White	14-18K	Fabrication	Low Nickel, High Tensile Strength
862	Ultra White	10-18K	Fabrication	Low Nickel, Excellent Work ability
866	Medium White	9-18K	Fabrication	Soft Machine for Chain, Tube, Wire & Sheet Mfg.
869	Medium White	9-18K	Fabrication	Soft and user-friendly
974	Ultra White	9-18K	Fabrication	Low silver, Excellent Work ability

9K-18K Palladium White Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
PD 5	Silvery White	9-14K	All Purpose	Low Pd content, Soft alloy
PD 7	Vanilla White	9-14K	All Purpose	High Tensile Strength
PD 16	Super White	18K	Fabrication	Excellent Fabrication, High Tensile Strength
PD 20	Vanilla White	9-14K	All Purpose	User-Friendly, Soft & easy Workability

CASTING & FABRICATION ALLOYS

18K-22K Yellow Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
377	Standard Yellow	20-22K	All Purpose	High Surface Luster, Recomm. for Bangles
384	Dark Yellow	20-22K	All Purpose	Low Silver, vary Hard, High Fluidity
385	Dark Yellow	20-22K	All Purpose	Low Silver for Making Chains
387	Standard Yellow	20-22K	All Purpose	User-Friendly, Hard, Excellent Surface Luster
392	Fine Gold	18-22K	All Purpose	High Reusability, Tarnish Resistant
394	Dark Yellow	18-22K	All Purpose	Very Popular, High Karat Jewelry Production
395	Bright Yellow	22K	All Purpose	Hard, Excellent Work ability, Dark Yellow Shade

CASTING & FABRICATION ALLOYS

10K-18K Green Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
575	Green	10-18K	All Purpose	Enameling & Fabrication
Rom2	Green	18K	All Purpose	Enameling & Fabrication

Brass & Bronze

Alloy Code	Color	Recom Karat	Application	Special Comments
341	Antique Yellow	Bronze	All Purpose	Hard De-Ox Brass / Bronze for Sample Lines, Model Making: Also Suitable for Brass / Bronze Industry
342	Standard Yellow	Bronze	All Purpose	
347	Standard Yellow	Brass	All Purpose	
372	Vanilla White	Brass	Casting	
373	White	Brass	Casting	
650	Standard Yellow	Brass	All Purpose	

9K-18K Pink Gold

Alloy Code	Color	Recom Karat	Application	Special Comments
525	Prem. Russian Red	9-14K	Casting	Low silver based, high reusability, User-Friendly European 5N color
NA525	Prem. Russian Red	9-14K	All Purpose	Low silver, Low De-Ox, European 5N color
533	Light Pink	9-18K	Casting	Grain refined, Fire-Scale & Tarnish Resistant, Stone-in-place
534	Rose Pink	18K	All Purpose	Grain refined, Excellent Work ability
540	Premium Pink	9-14K	Casting	High fluidity, for open melting system
543	Dark Pink	9-18K	All Purpose	Low silver, high fluidity
548	Pink	9-18K	All Purpose	Low silver, user Friendly, Enameling
550	Dark Pink	9-18K	All Purpose	Excellent Work ability, Fabrication
560	Medium Pink	9-14K	Casting	Low silver, High Reuseability
NA540	Prem. Pink	9-14K	Casting	High Fluidity for Enclosed System
544	Light Pink	9-18K	Casting	High Fluidity & Tarnish Resistant
533M1	Light Pink	18K	Casting	Fire-Scale & Tarnish Resistant

SILVER ALLOYS

.925 Sterling Silver Grain Heat Treatable, De-Oxidized

Alloy Code	Color	Special Comments
STERLIUM™	Dazzling White	High Performance for Enclosed Casting
STERLIUM PLUS	Ultra White	Germanium Based, Patented De-Ox, Fire-Scale
STAGCG-57NA	Ultra White	Tarnish Resistant & Improved Hardness
STAGCG-86	White	De-Ox, High Tarnish Resistance, High Fluidity
STAGCG-97NA	Super White	De-Ox, High Tarnish Resistance
SILVADIUM™ 1	Premium Metallic	Palladium based, High Tarnish, Resistance & Hardness
Karat Sterling	Vanilla White	Gold based, High Tarnish Resistance
Platilite™	Brilliant White	Platinum Based, User-Friendly
Platinet™	Brilliant White	Platinum Based, Superior Hardness

.925 Sterling Silver Alloy

Alloy Code	Color	Application	Special Comments
S57 NA	Ultra White	All Purpose	Patented De-Ox, Fire-Scale & Tarnish Resistant, Improved Hard
S72	Brilliant White	All Purpose	High Performance & High Reusability
S86	Ultra Yellow	All Purpose	De-Ox, High Tarnish Resistance, High Fluidity
S88	White	All Purpose	De-Ox, High Tarnish Resistance, High Fluidity
S95	White	All Purpose	Spring-Hard, Tarnish Resistant
S97 NA	Super White	All Purpose	De-Ox, High Tarnish Resistance, Fluidity



NON-SILVER ALLOYS

Silver Free Alloys

Alloy Code	Color	Recom. Karat	Application	Special Comments
SFUA1	Rich Yellow	9-22K	Casting	Silver Free Alloy for Yellow Casting
SF544	Pink	9-14K	Casting	Silver Free Alloy for Pink Casting
SF291	Bright Yellow	9-22K	Fabrication	Silver Free Alloy for Yellow Fabrication
SF821	Standard Yellow	22K	Fabrication	Silver Free Alloy for Yellow Fabrication
SF351	Bright Yellow	22K	Fabrication	Silver Free Alloy for Yellow Fabrication
SF790	Deep Yellow	18K	All Purpose	Low de-ex, European 4N color
SF278	Greenish Yellow	9-14K	Casting	High Fluidity, Stone-in-place
SF720	Rich Yellow	18K	Casting	Silver Free Alloy for Smooth Surface
SFNA200	Bright Yellow	9-14K	Casting	High Fluidity, Stone-in-place
SF392	Fine Gold	18-22K	All Purpose	High Reusability, Tarnish Resistant
SF540	Premium Pink	9-14K	Casting	High fluidity, for open melting system
SF533	Light Pink	9-18K	Casting	Grain refined, Fire-Scale, Stone-in-place
SF536	Light Pink	9-18K	Casting	Grain refined, Fire-Scale, Stone-in-place
SF866	Medium Yellow	9-18K	Fabrication	Soft Machine for Chain, Wire & Sheet
SF536	Light Pink	18K	Casting	Grain refined, Fire-Scale, Stone-in-place
T5	Medium White	9-18K	Casting	Low Nickel, Soft Work ability
RM60	White	18-22K	Casting	Grain refined, Fire-Scale, Stone-in-place

Master Alloys for Gold & Silver Solder-Cadmium & Lead Free

Alloy Code	Color	Recom. Karat	Application	Special Comments
1SA	Yellow	8-14K	Extra Easy	For Minor Repair
2SA	Yellow	8-14K	Easy	For Soldering Findings & Repair
3SA	Yellow	8-14K	Medium	For Soldering Findings & Repair
4SA	Yellow	8-14K	Hard	Hard, Yellow for Sizing of Jewelry
5SA	White	8-14K	All Purpose	Nickel & Palladium Free White
6SA	White	8-14K	Easy	For Minor Repair
7SA	White	8-14K	Medium	For Soldering Findings & Repair
8SA	White	8-14K	Hard	For Soldering Findings & Repair
11SA	Pink	14-18K	All Purpose	Light Pink or Dark Yellow Solder
12SA	Dark Pink	14-18K	All Purpose	For Minor Repair & Major Repair
14SA	Pink	14-18K	All Purpose	For Minor Repair & Major Repair
30SA	Yellow	19-22K	All Purpose	For Minor Repair & Major Repair
18KYSAE	Yellow	18K	All Purpose	For Minor Repair & Major Repair
18KWSAE	White	18K	All Purpose	For Minor Repair & Major Repair
SSA	Sterling	.925	All Purpose	Minor/Major Repair & Laser Wire

Safirodio 20® Plus

Bath Characteristics

- ◆ Bath type: Acid gold bath
- ◆ Rhodium content: 2 g/100ml
- ◆ Free Sulfuric acid: 34-36 g/l
- ◆ pH value: 1-3 at 35°C
- ◆ Temperature: 40°C
- ◆ Current density: 1-3 A/dm²
- ◆ Voltage: 3-4.5 Volts



Safirodio P20M® SUPER WHITE

Pen Characteristics

- ◆ Pen type: Acid gold bath
- ◆ Rhodium content: 2 g/100ml
- ◆ Free Sulfuric acid: 155-165 g/l
- ◆ pH value: 1-3 at 35°C
- ◆ Temperature: 40°C
- ◆ Current density: 1-2 A/dm²
- ◆ Voltage: 10-12 Volts

Rhodium Plating Solutions RHODUNA® 271

Pan Plating

- ◆ Abrasion resistant, light & bright coatings
- ◆ Operating temperature 200°C to 400°C
- ◆ Deposition speed up to 0.2µm / min
- ◆ High covering power

Packing: 2g Rh/100 ml



Rhodium Plating Solutions RHODUNA® TD

Bath Plating

- ◆ RHODUNA® TD can be directly deposited on nickel, silver, palladium and gold
- ◆ Packing: 2g / 200 ml
- ◆ Applications: Accessories, Spectacle frames, Writing implements, Jewellery Watches

Solder Powder



Characteristics

TYPE	DESCRIPTION
♦ B	: For Soldering silver chain and 8-9-10 ct
♦ B1	: For Soldering 14-18-22 ct gold chains
♦ B1/22	: For Soldering 22 ct gold chains
♦ B1/24	: For Soldering 24 ct gold chains
♦ B1AG	: Used for Soldering gold chains of any fineness intended to withstand strong mechanical strains
♦ B1AGS	: Particularly suitable for soldering hollow chains with iron or Copper cores
♦ B2	: For Soldering Brass chains
♦ B/Pt	: For Soldering Platinum chains

Packing:

B1AG - 2.5 Kg / Box
B1 - 2.5 Kg / Box
B - 2.5Kg / Box



Solder Powder

Characteristics

This Solder powder is used to join the Chains. It is very High Quality Product.

Packing:

5 Kg / Box

Indium Softener

Characteristics

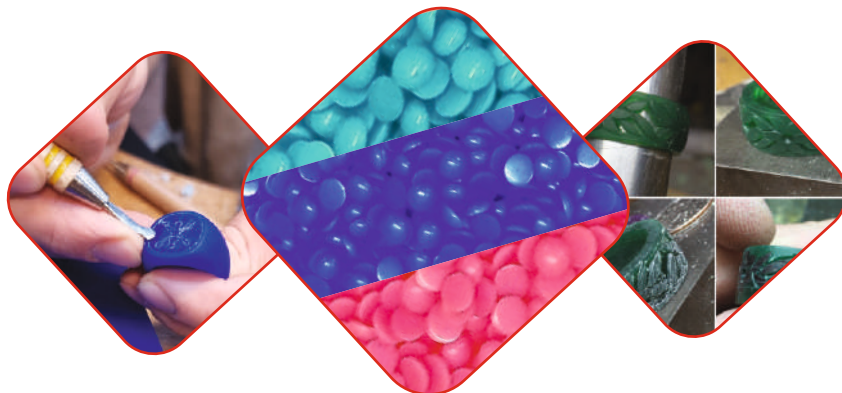
- ♦ Purity : 99.99%
- ♦ Weight : 500gm (Approximate)
- ♦ Ideal for softening tasks like shaping or soldering when used in conjunction with gold, silver or other alloys.



Premium WAX

Characteristics

This is used for Diamond Jewellery & Light Weight Gold Jewellery.



Available colors: Pink, Blue & Green

Premium Wax fits for delicate & filigree products, high diversity, fine and complicated prong stone setting, super high flowability for gold.

Technical Parameters:

Working Temperature : 72°C - 75°C

Packing: 22.5 Kg / Carton



Normal WAX

Characteristics

This is used for Silver & Gold Jewellery.

Available colors: AQUA GREEN, ROSE PINK & ROYAL BLUE

A good general purpose wax with high flexibility

Technical Parameters:

Working Temperature : 72°C - 74°C

Packing: 22.5 Kg / Carton

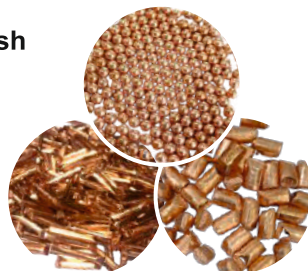


Oxygen **FREE COPPER**

Imported Copper Stick 99.99% with Anti-Tarnish

Characteristics

- ◆ High electrical and thermal conductivity
- ◆ Possessing good strength and hardness
- ◆ Heat wear resisting, distortion prevention ability strong
- ◆ Packing : 20 kg Per Bucket



Brass **90/10**

- ◆ Color: Intense Yellow
- ◆ Brass for casting.
- ◆ Without Stones.
- ◆ Open and closed systems.
- ◆ Deoxidized Brass: Cu% 90, Zn% 10

Packing: Available in 5 Kg

Brass **70/30**

- ◆ Color: Light Yellow
- ◆ Brass for casting.
- ◆ Open and closed systems.
- ◆ With and without stones.
- ◆ Deoxidized Brass: Cu% 70, Zn%30

Packing: Available in 5 Kg



Green **Cutter**

- ◆ Model Number: GN-200
- ◆ Weigh/Lenght: 255g/200mm
- ◆ Cutting Capacity: Steel wire 1.5mm, Iron Wire 4.0mm

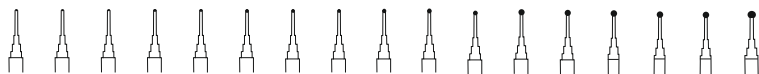
Packing: 1 Carton = 60 Pieces (10Box),
1 Box = 6 Pieces

Round Steel Burs

1...104 ... 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019



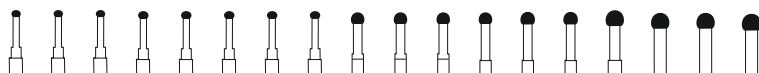
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1...104 ... 020 021 022 023 024 025 026 027 028 029 030 031 033 035 037 040 042 045



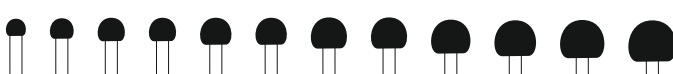
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1...104 ... 047 050 055 060 065 070 075 080 085 090 095 100



1



Hart Steel Burs

414...104 ... 005 006 007 008 009 010 011 012 013 014 015 016 017 018 019 020 021



414 (253)



414...104 ... 023 025 027 029 030 031 033 035 037 040 042 045 047 050

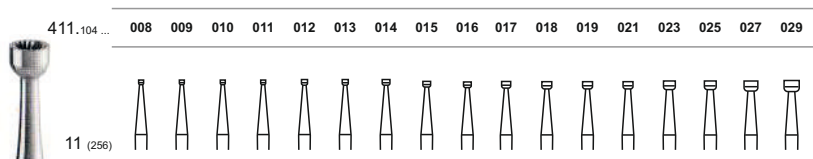


414 (253)

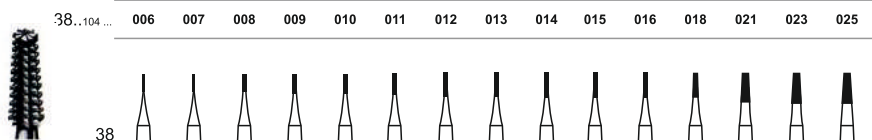


Hart **Steel Burs**

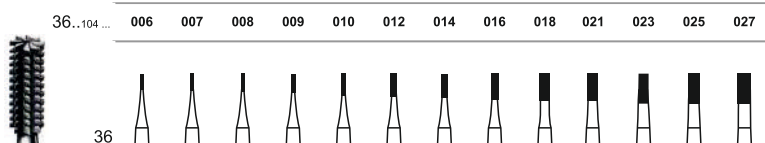
MADE IN GERMANY



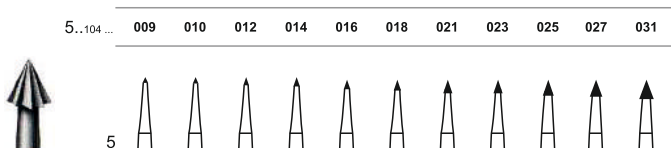
Cross Cut **Steel Burs**



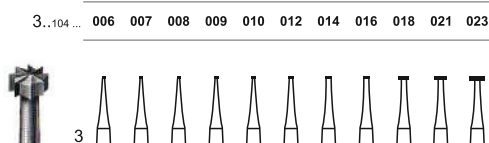
Cylinder **Steel Burs**



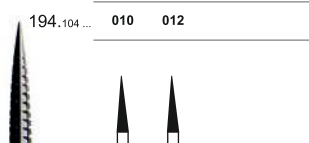
Cone **Steel Burs**



Wheel **Steel Burs**



Krause **Steel Burs**



Silicone Polishers



Rubber Polisher for Gold, precious & semi-precious alloys

Brown = for pre - polishing speed : 20,000 rpm packed : 100 per box



- ◆ Rubber Polisher for Gold, precious & semi-precious alloys
- ◆ Green = For High Gloss Polishing
- ◆ Green / Yellow ring = For Ultra - Shine
- ◆ Polishing Speed : 10,000 rpm
- ◆ Packed: 120 per box

Cutting Discs

- ◆ Non-Pollutant
- ◆ Absolutely heatless
- ◆ For precise cutting of ceramics and precious alloy
- ◆ Medium fine grit size

Available Size:

Cutting Discs

(D32 x 2.2 mm), (D38 x 0.7 mm), (D38 x 1.0 mm)

Packing: 100 pcs/box





Branch Offices:

AMHEDABAD OFFICE

Shed No.74, Sankalp Industrial Park, NR.S.Ring Road, Muthia village, Ahmedabad, Gujarat, 382330

BENGALURU OFFICE

3-10, Global Village, Main Road, Pattanagere, Hemmigepura Ward, Bengaluru Urban, Karnataka, 560056

CHANDIGARH OFFICE

Ground Floor, Shop no-31, Bhabat Road, Zirakpur, Mohali, SAS Nagar, Punjab, 140603

CHENNAI OFFICE

Plot No.41, Adinath Trade Complex, Ring Road Housing Sector, Chennai, Tamil Nadu, 600060

GREATER NOIDA OFFICE

Site No.4, D-11, Kansa Industrial Area, Greater Noida, Gautambuddha Nagar, Uttar Pradesh, 201308

HYDERABAD OFFICE

Plot No.44, Shop No.6, Mamta Nagar Colony, Road No.1, Nagole Hyderabad, Hyderabad, Telangana, 500068

INDORE OFFICE

Shop No.14, CM-2, Amar Aangan, Basant Vihar, Indore, Madhya Pradesh, 452018

JAIPUR OFFICE

Ground Floor, Shop No.13-14, Toll Tax, Sanganer, Tonk road, Jaipur, Rajasthan, 302029

KOLKATA OFFICE

34A, Raja Naba Krishna Street, Sovabazar Metro Bus Stop, Shobha Bazar, Kolkata, West Bengal, 700005

MUMBAI OFFICE

Plot No. X-21, 412, Next to Akruti Software Park, Next To MIDC X Road No.21, Near MIDC Substation No.6, Andheri East, Mumbai Suburban, Maharashtra, 400093

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Corporate Office

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