



PRODUCT CATALOGUE

AARISE GOLD TESTING MACHINE



KEY FEATURES

Multi-Point Testing
Cutting-edge Technology
Durability and Portability
Connectivity Options with USB
AI algorithm without any real standards for calibrationOptions with USB
User-Friendly Interface
Trust and Assurance
Accurate Results
Fast Operation
Easy to Use

KEY FEATURES

Analysis Range: 0.01% – 99.99%
Accuracy: $\pm 0.20\%$ (Au $\geq 90\%$)
Sample Type: Solid
High Voltage: 0–50 kV / 0–1 mA
Elements: Au, Ag, Pt, Pd, Cu, Zn, Ni, Cd, Pb, In
Detector: Mini SiPIN
Camera: HD camera
Test Time: 5–60 seconds
Chamber Size: 310 × 270 × 100 mm
Power & Size: AC 110–260V, 50/60 Hz 420 × 420 × 360 mm 40 kg



KEY FEATURES

Element Range: Na to U
Sample Type: Solid, powder
Analysis Range: 1 ppm – 99.99%
Accuracy: $\pm 0.15\%$ (Au $\geq 96\%$), uncertainty $\leq 0.19\%$
Detector & Camera: Amptek Si-PIN (149 $\pm$ 5 eV), HD camera
Voltage & Current: 5–50 kV, 50–1000 μ A
Elements: 72 elements incl. Au, Ag, Cu, Pt, Pd, etc.
Test Time: 10–200 seconds
Working Conditions: 0–30°C, $\leq 70\%$ humidity
Power & Size: 180 W, 40 kg 615 × 418 × 315 mm



AARISE JEWELLERY LASER MARKING

SPECIFICATION

Laser Type	Pulsed Fiber Laser / DPP
Average Output Power	20W (Optional 10/30/50/80/100 W)
Wavelength	1064 nm
Output Power Stability (Typical)	5%
Power Adjusting Range	1 ~ 100%
Resolution Frequency	20-500 KHz (Optional)
Beam Quality (M2)	<1.6
Output Beam Diameter (1/e2)	6.9 MM
Max. Linear Speed	Max 12000 mm/
Marking Depth	0.2mm / 1 mm
Work Area	70x70 / 100x100 / 200mm
Min. Character Height	0.2mm



ELECTRICAL

Power Supply Single Phase	220V / 50Hz
Power Consumption	~ 500 W
Ambient Temperature Range	0° to 25° C
Cooling System	Air Cooling System



APPLICATIONS



AARISE JEWELLERY LASER WELDING



SPECIFICATION

Model No.	ALW - 200
Output Power	200 W based on requirement
Single-pulse energy	0-150 J
Machine Design Type	Desktop / Vertical
Laser Source	ND:YAG
Laser Wavelength	1064 nm
Pump lamp	Pulsed Xenon Lamp
Pulse Width	0.1-20 ms adjustable
Pulse Repeated Frequency	1~50 Hz adjustable
Welding spot diameter	0.2-2.0mm adjustable
Observing System	Microscope / CCD - based on requirement
Cooling System	Water chiller (External)
Power Supply	Single Phase AC 220V + 10%, 50Hz / 60HZ, 4 KW
Running Environment	Temperature 5°C-28°C Humidity 5%-70%



Jewellery Welding Sample



AARISE JEWELLERY LASER CUTTING



SPECIFICATION

Model	ALW - 200
Output Power	50W / 80W/ 100W
Repeat Frequency	30K-200KHZ/5K-200KHZ
Minimum line width	0.03mm
Marking speed	<10000mm/s
Cooling system	Air Cooling
Power Supply	AC 110V/220V optional/50-60HZ
Marking Area	110mmx110mm/110/130/150 (optional)
Laser Power	20W/30W/50W (optional)
Laser Wavelength	1064nm
Maximum Power	C-500W /800W
Working environment	temperature 10-25°C/humidity5-50%

SPECIFICATION

Laser Type	ALC - Cutting
Average Output Power	50 / 60 / 80 / 100 W
Wavelength	1064 nm
Output Power Stability	5%
Power Adjusting Range	1 ~ 100%
Resolution Frequency	50/200 KHz (Optional)
Output Beam Diameter (1/e2)	6-9 mm
Max. Linear Speed	Max 12000 mm/s
Cutting Thickness	0.01 ~ 2.0mm (Material Depended)
Work Area	110mm x110 mm
Min. Character Height	0.2 mm



AARISE ELECTRO POLISHING MACHINE



9 liter



27 liter

KEY FEATURES

All intricate portions of the articles are finely polished through this process.

The process ensures high precision even on complex and detailed designs.

It is easy and simple to operate, requiring minimal technical skill.

Metal removal happens gradually, allowing better surface control.

Low current density areas are covered very effectively.

Uniform finishing is achieved across the entire article.

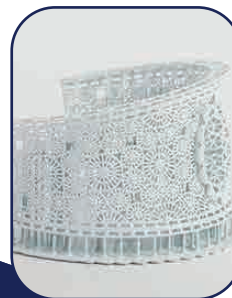
The removed metal dissolves into a liquid medium during the process.

Around 95% to 98% of the dissolved metal is recoverable through refining.

This high recovery rate minimizes material loss.

The overall process cost is very low, helping significantly reduce production costs.

AARISE HIGH PRECISION 3D PRINTER



KEY FEATURES

Model: DJ89PLUS with 405nm integral light source system

Printing Size: 228 × 128 × 100 mm

Display & Resolution: 10.3" 8K ultra-clear monochrome screen, 7680 × 4320 px

Precision: XY-axis accuracy of 29 μm with layer thickness from 0.01–0.1 mm

Z-Axis System: Dual linear guide rails with ball screw for stable printing

Speed & Exposure: Max print speed 60 mm/h, single-layer exposure 1–4 s

Operation & Control: 5-inch capacitive color touch screen with USB & Wi-Fi printing

Software & Format: Piocreat BOX (Windows 7/8/10 X64 & macOS), file format cxdlpv4

Power & Compatibility: 100–120V / 200–240V, 50/60Hz, 600W; multi-language support (15+ languages)

Supported Materials: Dental resins including removable die models, surgical guides, temporary restorations, temperature-resistant and third-party resins (open system)

AARISE FURANCE POLISHING

KEY FEATURES

Operates on 380V, 3-phase, 50 Hz with a powerful 25 kW output for stable and efficient performance.

Suitable for melting gold, silver, and copper with a melting capacity of up to 8 kg.

Wide working temperature range of 1150°C to 1450°C, ensuring precise and controlled melting.

Compact and robust design measuring 850 × 770 × 1420 mm with a solid 300 kg weight for durability and safety.



KEY FEATURES

New-generation intelligent technology specially designed for high-level casting applications.

Uses middle-frequency digital processing induction heating with magnetic mixing for faster, more uniform melting.

Features an intelligent control system with manual and semi-automatic modes and an open, freely programmable platform.

Equipped with PID temperature control, maintaining temperature accuracy within $\pm 1\%$ for consistent results.



SPECIFICATION

Technology	LCD
Resolution (DPI)	(11520 p x 5120 p)
Printing Speed	Max 150mm/h
Build Volume	218.88 x 122.88 x 260mm
Layer Thickness	10 -100 um
Production Capacity	150 g per day
Compatible Resin	Direct Castable Non-Castable



SPECIFICATION

Technology	LCD
Resolution (DPI)	(8520 p x 4320 p)
Printing Speed	Max 150mm/h
Build Volume	153.36 x 77.76 x 165 mm
Layer Thickness	10 -100 um
Production Capacity	100g per day
Compatible Resin	Non-Castable



CURRENCY COUNTING

MARKETD BY
 **SPRAUT**

Best Price

All Over Market



**Model Bundle
Counting Machine**

For Heavy Duty





CAPACITY	620 G
ACCURACY	0.001G

CAPACITY	10KG To 20KG	15KG To 30KG
ACCURACY	0.1 G TO 20 G	0.5 G To 1.0G



CAPACITY	620G	1000G
ACCURACY	0.01G	0.01G

CAPACITY	1KG
ACCURACY	100MG



Data Printer For All Weighing Scale



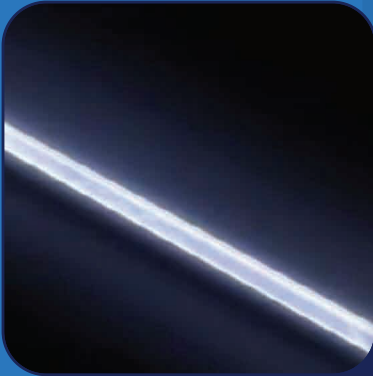
ULTRA SONIC CLEANER



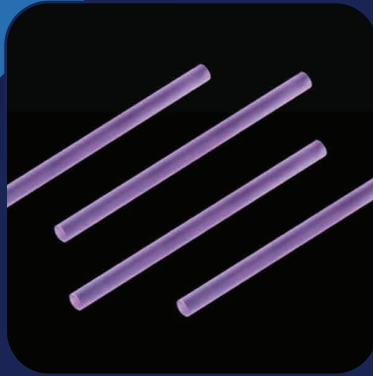
DUST COLLECTOR



STEAM MACHINE



Lamp



YAG



Melting Machine

GET IN TOUCH

Aarise Laser Equipment for innovative laser solutions, expert guidance, and reliable support tailored to your business needs.

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