



Riselas

Riselas Technology Co., Ltd.

Catalog for Product Selection



Expertise in Jewelry and Precious Metal Welding for Over 10 Years!

PRODUCT CATALOG

RLW-YD40-NA (MAGIC BOX)

- World's smallest spot welder, powerful output
- Hassle free installation, nearly plug - and - play
- Superior welding performance
- Ideal for diverse jewelry repair requirements
- 0.1-10ms Frequency 1.0~10.0Hz Continuously Adjustable

Technical Parameter

Laser Type	Electrical Connection Values	Pulse Width	Maximum Laser Pulse Energy	Host Power Consumption	Cooling System	Pump Source
1064nm YAG Laser	AC110V/220V $\pm$ 5%, 50HZ / 60HZ	0.1-10ms Frequency 1.0~10.0Hz Continuously Adjustable	35J	$\leq$ 1.5KW	Built-in Water-cooling	Xenon lamp

Aiming and Positioning	Display Touch Screen	Beam Diameter	Machine Dimension	Machine Net Weight	Humidity	Operating Environmental Temperature	Tank capacity
Microscope + HD digital CCD camera system	10X high quality colorful Digital CCD	0.2-2.0mm	$\varnothing$ 295mm x H282mm	13.5KG	< 90% non-condensing	$\leq$ 45 °C	350ml

Size & Accessory List



Accessory List

- Foot switch 1 pc
- Power cord 1pc
- M10 water pipe 1 meter
- Protective lens 2 pieces
- Lifting platform 1pc
- Funnel 1pc
- Pumping device 1 set

N.W.:13.5KG POWER:40W

Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, platinum, stainless steel, etc.



Packaging





RLW-YD60-FP (Frog Prince)

- Sleek & compact new design
- Large HD screen for easy-accurate operation
- Built-in 10× microscope for sharp micro-welding
- Ideal for 18k gold & 925 silver repair



Technical Parameter

Laser Type	Nominal Laser Power	Beam Diameter	Pulse Width	Frequency	Maximum Laser Pulse Energy	Host Power Consumption
1064nm YAG Laser	60W	0.1-3.0mm	0.1-15ms	1.0~10.0Hz Continuously Adjustable	50J	≤2.5KW

Cooling System	Aiming and Positioning	Operating Mode	Pump Source	Display Touch Screen	Operating Language	Electrical Connection Values	Humidity
Built-in Water Cooling	Microscope + CCD Camera System	Touch Control	Single lamp	10X high quality colorful CCD	English, Turkish, Korean, Arabic	220V ± 5%, 50HZ / 60HZ	< 90% non-condensing

Size & Accessory List

N.W.:20KG POWER:60W



Accessory List

A set of YAG lasers	A set of optical system	One set of LCD display system
One microscope	One set of host cabinet	

Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



Packaging



Size: 66x52x45(cm) G.W.:34KG



RLW-YD60-YA

- Ergonomic design, stable performance.
- Microscope & CCD for easier observation.
- Adjustable LED shadowless ring light for clearer welding positioning.
- Precise light spots for fine welding.
- Compact, lightweight, space-saving and portable.

Technical Parameter

Maximum laser power	Laser wavelength	Single-point energy	Laser frequency	Pulse width	Spot adjustment range	Aiming and positioning
60W	1064nm	40J	1-20HZ	0.2-10Ms	0.2-2mm	Microscope, camera system

Cooling power of chiller	Rated power	Electricity demand	External dimensions/weight
Air cooling	2KW	220V±5V 50Hz/60A	300*310*350MM 23KG

• Size & Accessory List



Accessory List

- A set of YAG lasers
- A set of optical systems
- One set of LCD display system
- One microscope
- One set of host cabinet.

N.W.:23KG POWER:60W

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, platinum, stainless steel, etc.



• Packaging



Size:40x40x54(cm) G.W.:35KG



RLW-YD60-NA

- 60W Desktop Welder
- 10X CCD
- Net Weight 35KG
- Ring & Watch & Glasses frames repair

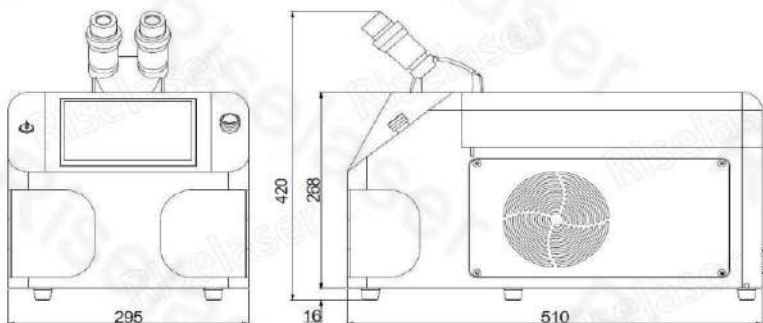
Technical Parameter

Laser Type	Nominal Laser Power	Beam Diameter	Pulse Width	Frequency	Maximum Laser Pulse Energy	Host Power Consumption
1064nm YAG Laser	60W	0.5-3.0mm	0.1-15ms	1.0~10.0Hz Continuously Adjustable	40J	≤2.5KW

Cooling System	Aiming and Positioning	Operating Mode	Pump Source	Display Touch Screen	Operating Language	Electrical Connection Values	Humidity
Build in Water Cooling	Microscope + CCD Camera System	Touch Control	Single lamp	10X high quality colorful CCD	English, Turkish, Korean, Arabic	220V ± 5%, 50HZ / 60HZ	< 90% non-condensing

• Size & Accessory List

N.W.:35KG POWER:60W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:63x52x54(cm) G.W.:42KG



RLW-YD80-NA

- OEM Color with your logo
- Plastic integrated molding
- 80W Power
- Unique Design

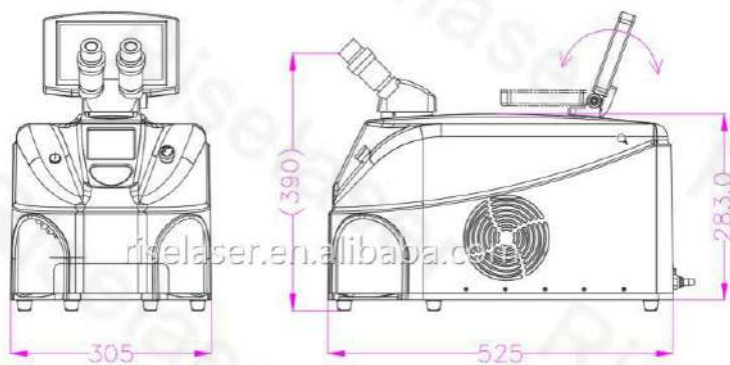
Technical Parameter

Laser Type	Nominal Laser Power	Beam Diameter	Pulse Width	Frequency	Maximum Laser Pulse Energy	Host Power Consumption
1064nm YAG Laser	80W	0.5-3.0mm	0.1-15ms	1.0~10.0Hz Continuously Adjustable	50J	≤2.5KW

Cooling System	Aiming and Positioning	Operating Mode	Pump Source	Display Touch Screen	Operating Language	Electrical Connection Values	Humidity
Build in Water Cooling	Microscope + CCD Camera System	Touch Control	Single lamp	10X high quality colorful CCD	English, Turkish, Korean, Arabic	220V ± 5%, 50HZ / 60HZ	< 90% non-condensing

• Size & Accessory List

N.W.:38KG POWER:80W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:63x48x50(cm) G.W.:50KG



RLW-YD100-NA

- 100W Welding Machine
- 10X CCD
- 100W Power
- Class 1 laser with curtain

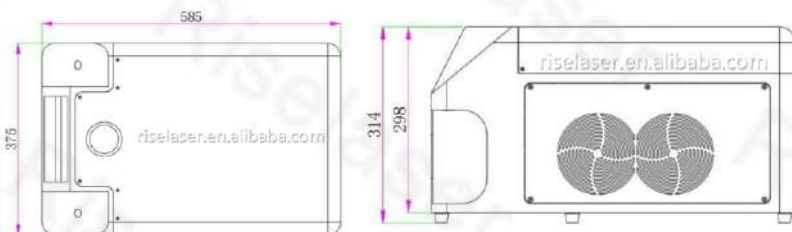
Technical Parameter

Laser Type	Nominal Laser Power	Beam Diameter	Pulse Width	Frequency	Maximum Laser Pulse Energy	Host Power Consumption
1064nm YAG Laser	100W	0.5-3.0mm	0.1-15ms	1.0~10.0Hz Continuously Adjustable	60J	≤2.5KW

Cooling System	Aiming and Positioning	Operating Mode	Pump Source	Display Touch Screen	Operating Language	Electrical Connection Values	Humidity
Build in Water Cooling	Microscope + CCD Camera System	Touch Control	Single lamp	10X high quality colorful CCD	English, Turkish, Korean, Arabic	220V ± 5%, 50HZ / 60HZ	< 90% non-condensing

• Size & Accessory List

N.W.:40KG POWER:100W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:71x56x56(cm) G.W.:54KG



RLW-YD100-YA

- Compact size, space-saving
- Microscope with built-in camera for easy observation
- Automatic temperature & speed control with heat dissipation
- Intelligent air-cooling, stepless speed regulation
- CCD touchscreen display, user-friendly interface
- Electric water filling, auto full/low water protection

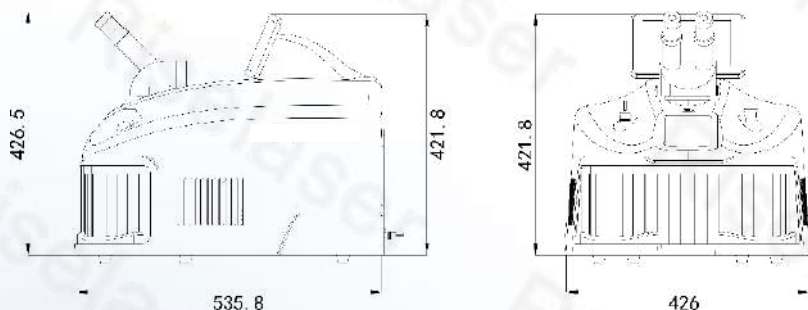
Technical Parameter

Maximum laser power	laser frequency	Maximum laser pulse energy	Pulse width	Spot size adjustment range	Net weight of the whole machine	Input voltage
100W	1.0–15.0 Hz, continuously adjustable	35J	Adjustable in 0.1–10.0 ms increments	±3.0mm	27KG	AC220V±10% 50Hz

Host power consumption	Cooling method	Operation method	Screen touch size	Machine volume	Laser wavelength	target location	Ambient temperature
≤3.5KW	Water cooling	Touch control	7in	L536*W426 *H422mm	1064nm	Built-in camera system and microscope	≤30°C

Size & Accessory List

N.W.:27KG POWER:100W



Accessory List

Foot switch 1 pc	Power cord 1pc	Protective lens 2 pieces
Lifting platform 1pc		

Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



Packaging



Size:65x45x60(cm) G.W.:38KG



RLW-YD150-NA

- 150W Mini Welder
- Ring & Watch & Glasses frames repair
- Desktop 100W Welder
- Compact & Space-Saving

Technical Parameter

Input Voltage	Laser Frequency	Pulse Width	Spot Adjustment Range	Max. Laser Power	Max. Laser Pulse Energy	Main Unit Power Consumption
AC220V±10% 50HZ	1.0 ~ 15.0HZ Continuously Adjustable	0.1 ~ 10.0ms Step-adjustable	±3.0mm	150W	60J	≤3.5KW

Targeting & Positioning	Ambient Temperature	Cooling Method	Operation Mode	Laser Wavelength	Touchscreen Size	Dimensions	Net Weight
Camera & Microscope	≤30°C	Water cooling	Touch control	1064nm	7-inch	L630*W400*H503mm	45KG

Size & Accessory List

N.W.:45KG POWER:150W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



Packaging



Size:76x54x63(cm) G.W.:60KG



RLW-YD150J-NA

- 150W Mini Welder
- Ring & Watch & Glasses frames repair
- Desktop 100W Welder
- Compact & Space-Saving

Technical Parameter

Input Voltage	Laser Frequency	Pulse Width	Spot Adjustment Range	Max. Laser Power	Max. Laser Pulse Energy	Main Unit Power Consumption
AC220V±10% 50HZ	1.0 ~ 15.0HZ Continuously Adjustable	0.1 ~ 10.0ms Step-adjustable	±3.0mm	150W	150J	≤3.5KW

Targeting & Positioning	Ambient Temperature	Cooling Method	Operation Mode	Laser Wavelength	Touchscreen Size	Dimensions	Net Weight
Camera & Microscope	≤30°C	Water cooling	Touch control	1064nm	7-inch	L630*W400*H503mm	45KG

• Size & Accessory List

N.W.:45KG POWER:150W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 999 silver, 24K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:62x58x78(cm) G.W.:66KG



RLW-YG225J-NW

- 225J High energy
- 999 gold and 999 silver welding
- High Power Welder for Jewelry Maker
- User-Friendly CCD Touchscreen

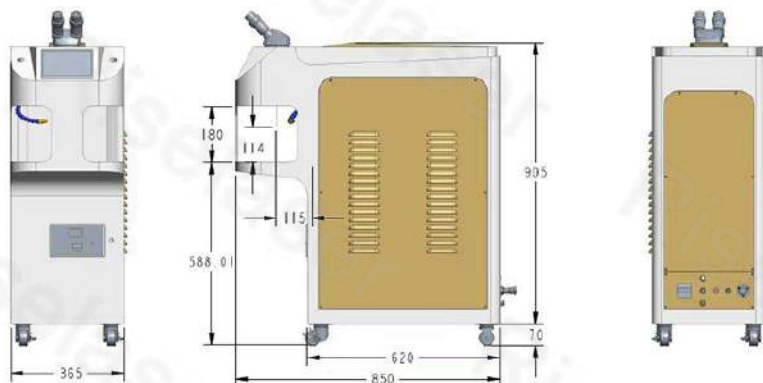
Technical Parameter

Laser Type	Nominal Laser Power	Laser Beam Diameter	Machine Adjustable Beam Diameter	Maximum Laser Pulse Energy	Electrical Connection Values	Machine Dimension
1064nm YAG Laser	240W	0.15 ~ 2.0 mm	±3.0mm	225J	AC 220V ± 5%, 50HZ / 60HZ	85cm*36.5cm *97.5cm

Machine Net Weight N.W.	Humidity	Pulse Width	Frequency	Laser Wavelength	Screen Size	Operating Environmental Temperature	Cooling Method
99KG	< 90% non-condensing	0.1-20 ms	1.0~50.0Hz Continuously Adjustable	1064nm	7-inch	≤45°C	Water cooling

• Size & Accessory List

N.W.:99KG POWER:240W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 999 silver, 24K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:88x48x125(cm) G.W.:99KG



RLW-YG200W-NA

- New design with enlarged water tank
- Simple installation, near plug-and-play
- For jewelry repair and small-batch production
- Fits jewelry, watch and dental soldering applications

Technical Parameter

Model series	Model	Output power	Laser wavelength	Laser frequency	Pulse width	Spot adjustment range
RL-Y series	RL-Y200	200W	1064nm	1-20Hz	0.1-10MS	0.1-3.0mm

Rated Power	Electricity demand	Working environment	Aiming and positioning	Machine Dimension	Screen Size	Concentrator cavity	Cooling Method
5KW	220V±5V 50Hz/40A	5-35℃	Microscope and camera system	360mm*550mm *1170mm	7-inch	Ceramic Concentrator Cavity	Water cooling

• Size & Accessory List

N.W.:56KG POWER:200W



Accessory List

- Foot switch 1 pc
- Protective lens 2 pieces
- Power cord 1pc
- Lifting platform 1pc
- M10 water pipe 1 meter

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:99x55x121(cm) G.W.:83KG



RLW-YG200-YWA

- 200W Welder with inbuilt chiller
- Mini design high power welder
- Colorful design welding machine
- User-Friendly CCD Touchscreen

Technical Parameter

Model series	Model	Output power	Laser wavelength	Laser frequency	Pulse width	Spot adjustment range
RL-Y series	RL-Y200	200W	1064nm	1-20Hz	0.1-10MS	0.3-2mm

Rated Power	Electricity demand	Working environment	Aiming and positioning	Machine Dimension	Screen Size	Concentrator cavity	Cooling Method
5KW	220V±5V 50Hz/40A	5-35	Microscope and camera system	360mm*550mm *1170mm	7-inch	Ceramic Concentrator Cavity	Water cooling

• Size & Accessory List

N.W.:82KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 2 pieces	Lifting platform 1pc	Funnel 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:76x43x122(cm) G.W.:105KG



RLW-YD60-DAA

- 110V/220V Both Available
- Open Cabinet with bigger welding space
- 60W Welder
- Compact & Space-Saving

Technical Parameter

Laser Type	Nominal Laser Power	Laser Beam Diameter	Machine Adjustable Beam Diameter	Maximum Laser Pulse Energy	Electrical Connection Values	Machine Dimension
1064nm YAG Laser	60W	0.1-3.0 mm	±3.0mm	50J	AC 110v/220V ± 5%, 50HZ / 60HZ	57cm*30cm*42cm

Machine Net Weight N.W.	Humidity	Pulse Width	Frequency	Laser Wavelength	Screen Size	Operating Environmental Temperature	Cooling Method
32KG	< 90% non-condensing	0.1-20 ms	1.0~50.0Hz Continuously Adjustable	1064nm	7-inch	≤45 °C	Water cooling

• Size & Accessory List

N.W.:32KG POWER:60W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 1 pieces	Lifting platform 1pc	Microscope 1pc

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:73x38x45(cm) G.W.:42KG



RLW-YD100-DAA

- Jewelry Welding
- 100W Portable Design
- CCD + microscope 2 in 1
- Compact & Space-Saving

Technical Parameter

Laser Type	Nominal Laser Power	Laser Beam Diameter	Machine Adjustable Beam Diameter	Maximum Laser Pulse Energy	Electrical Connection Values	Machine Dimension
1064nm YAG Laser	100W	0.1-3.0 mm	±3.0mm	60J	AC 100V/ 220V ± 5%, 50HZ / 60HZ	57cm*30cm *42cm

Machine Net Weight N.W.	Humidity	Pulse Width	Frequency	Laser Wavelength	Screen Size	Operating Environmental Temperature	Cooling Method
32KG	< 90% non-condensing	0.1-20 ms	1.0~50.0Hz Continuously Adjustable	1064nm	7-inch	≤45 °C	Water cooling

• Size & Accessory List

N.W.:32KG POWER:100W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 1 pieces	Lifting platform 1pc	Microscope 1pc

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:73x38x45(cm) G.W.:42KG



RLW-YD200-DAC

- 7-inch touch screen, easy operation
- Wide input voltage for global use
- Compact & lightweight design
- Ultra-precise welding with minimal thermal impact

Technical Parameter

Laser Type	Nominal Laser Power	Laser Beam Diameter	Machine Adjustable Beam Diameter	Maximum Laser Pulse Energy	Electrical Connection Values	Machine Dimension
1064nm YAG Laser	200W	0.1-3.0 mm	±3.0mm	100J	AC 100V/ 220V ± 5%, 50HZ / 60HZ	45cm*35cm *60cm

Machine Net Weight N.W.	Humidity	Pulse Width	Frequency	Laser Wavelength	Screen Size	Operating Environmental Temperature	Cooling Method
36KG	< 90% non-condensing	0.1-20 ms	1.0~50.0Hz Continuously Adjustable	1064nm	7-inch	≤45°C	Water cooling

• Size & Accessory List

N.W.:36KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 1 pieces	Lifting platform 1pc	Microscope 1pc

• Application

Perfect for repairing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 18K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:80x48x48(cm) G.W.:54KG



RLW-YD200-DAB

- desk top version;
- batch production;
- small in size;
- Beautiful solder joints, will not oxidize and change color.

Technical Parameter

7" Screen	Camera	Spot adjustment	Power	Power regulation range	External dimensions(LxWxH)	Wavelength
High definition display screen 20X	Welding & check the welding effect	0.1-3.0 mm (For reference only)	200W	1-100%	740*440*480mm	1064 nm

Pulse width	Microscop	Minimum Spot	Cooling system	Whole machine power	Electricity demand	Working environment temperature	Frequency
0.1~10ms	10X	0.3mm	air cooling	<3KW	AC220V+10% 50/60Hz	10-35℃	1-30 Hz

• Size & Accessory List

N.W.:65KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 1 pieces	Lifting platform 1pc	Microscope 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:84x55x63(cm) G.W.:65KG



RLW-YG200-DWA

- Economic 200W standing welder
- Continuous working
- Best for jewelry factory
- Beautiful solder joints, will not oxidize and change color.

Technical Parameter

7" Screen	Camera	Spot adjustment	Power	Power regulation range	External dimensions(LxWxH)	Wavelength
High definition display screen 20X	Welding & check the welding effect	0.1-3.0 mm (For reference only)	200W	1-100%	700*460*1230 mm	1064 nm

Pulse width	Microscop	Minimum Spot	Cooling system	Whole machine power	Electricity demand	Working environment temperature	Frequency
0.1~10ms	10X	0.3mm	water cooling	<5KW	AC220V+10% 50/60Hz	10-35℃	1-30 Hz

• Size & Accessory List

N.W.:82KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 meter
Protective lens 1 pieces	Lifting platform 1pc	Microscope 1pc

• Application

Perfect for repairing & producing of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for widely used materials like 925 silver, 21K gold, titanium, platinum, stainless steel, etc.



• Packaging



Size:85x60x133(cm) G.W.:128KG



RLW-YD100-UAA (10")

- Compact & Space-Saving
- 10" HD Touchscreen
- Multi-Metal Compatibility
- Smart Memory Settings

Technical Parameter

Laser Power Supply	Laser Type	Laser waveLength	Laser Power	Max Weld Depth	Visual system	Power systems
YAG	Nd.YAG	1064nm	100W	0.1-1.5mm	Microscope&CCD	220V/50HZ 4KVA

Positioning way	Frequency	Pulse Width	Cooling method	Solder Spot	Weight	Machine size	10" Screen
reticle	0-15Hz	0.1~10ms	Small Chiller	0.2-3mm	39KG	600(L) x 350(W) x 290(H) mm	High definition display screen 20X

• Size & Accessory List

N.W.:39KG POWER:100W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	M6 argon pipe 2 M

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:73x43x57(cm) G.W.:47KG



RLW-YD100-UAA(7")

- 100W Precision Power
- 7" Touchscreen Control
- Compact & Space-Saving
- Fast & Consistent Welds

Technical Parameter

Laser Power Supply	Laser Type	Laser waveLength	Laser Power	Max Weld Depth	Visual system	Power systems
YAG	Nd.YAG	1064nm	100W	0.1-1.5mm	Microscope&CCD	220V/50HZ 4KVA

Positioning way	Frequency	Pulse Width	Cooling method	Solder Spot	Weight	Machine size	7' Screnn
reticle	0-15Hz	0.1~10ms	Small Chiller	0.2-3mm	39KG	600(L) x 350(W) x 290(H) mm	High definition display screen 20X

• Size & Accessory List

N.W.:39KG POWER:100W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	M6 argon pipe 2 M

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging





RLW-YG200-LA

- New launched
- Standing 200W jewelry repair YAG welder
- Customize acceptable
- CCD + microscope 2 in 1

Technical Parameter

Power	Spot diameter	Adjustable range of light spot	Pulse width	Frequency	Machine power consumption	Refrigeration method
Working Max: 7KW	Adjustable via defocusing. Specific range not provided	1-2mm.	User programmable	User programmable	Standby: 120W	Integrated water cooling system

Water tank capacity	Peak power	Supported languages	Voltage frequency	Standard consumables list	Machine Dimension	Display screen size	Joule Capacity
≈ 5.5L		11	220V±10%, 32A, 50/60Hz	Purified water , protective lenses , and xenon lamps	730mm x 510mm x 1065mm	Not specified, but it is a TFT true color touch screen with 1024*600 resolution	

• Size & Accessory List

N.W.:80KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:84x42x124(cm) G.W.:100KG



RLW-YD200-LA

- 200W Powerful Jewelry Welding
- CCD + microscope 2 in 1
- Portable design
- Small in size

Technical Parameter

Power	Joule Capacity	Spot diameter	Adjustable range of light spot	Pulse width	Frequency	Refrigeration method
200W	35-60J	0.15~2.0mm	±3.0mm	0.1-20ms	1.0~50.0Hz Continuously Adjustable	Build in Water Coolingcooling system

Water tank capacity	Display screen size	Machine Net Weight	Machine Gross Weight	Supported languages	Voltage frequency	Wooden Package Dimension	Machine Dimension
4L	137*190(mm)	38kg	52kg	English, Chinese	AC 110V/220V ± 5%, 50HZ / 60HZ	51*42*35CM	46*36*68CM

• Size & Accessory List

N.W.:38KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:51x42x35(cm) G.W.:52KG



RLW-YD200-NA

- 150J High energy
- Ring & Watch & Glasses frames repair
- Desktop 200W Welder
- Compact design, space-saving

Technical Parameter

Power	Joule Capacity	Peak power	Spot diameter	Adjustable range of light spot	Pulse width	Frequency
200W	150J	9kW	0.1mm	0.1 - 3.0mm	≤20ms	≤50Hz

Machine power consumption	Refrigeration method	Machine Net Weight	Supported Languages	Machine Dimension	Water tank capacity	Display screen size	Size of xenon lamp
6KW	Water Cooled	80kg	Chinese/English /Korean /Japanese	1050 x 580 x 1050mm			

• Size & Accessory List

N.W.:80KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:51x42x35(cm) G.W.:52KG



RLW-YD150-YA

- 150W MINI Welder
- Best Choice for Goldsmiths
- Fashion Design Welder
- Portable design

Technical Parameter

Power	Laser wavelength	Spot diameter	Adjustable range of light spot	Pulse width	Focusing cavity reflector	Machine power consumption
150W	1064nm	0.2-2mm	0.2-2mm	0.2-10Ms	Imported ceramic focusing cavity	5KW

Refrigeration method	Frequency	Machine Net Weight	Machine Gross Weight	Supported languages	Voltage frequency	Aiming and positioning	Machine Dimension
Air Cooling	1-20Hz				220V±5V 50Hz/60A	Microscope, camera system	800 x 500 x 620mm

Size & Accessory List

N.W.:38KG POWER:150W



Accessory List

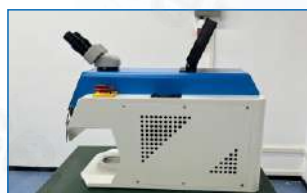
Foot switch 1 pc	Power cord 1pc	LCD display system
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



Packaging



Size:51x42x35(cm) G.W.:52KG



RLW-YG200-YWB

- 200W Powerful Jewelry Welding
- Mass production peak power
- Easy to Move
- Low Maintenance Cost

Technical Parameter

Power	Joule Capacity	Laser type	Adjustable range of light spot	Pulse width	Frequency	Machine power consumption
200W	100J		0.1~3mm		1.0~50.0Hz	≤6kw

Refrigeration method	Display screen size	Machine Net Weight	Machine Gross Weight	Supported languages	Voltage frequency	standard consumables list	Machine Dimension
Built-In					220V±0%/50Hz /15A	Xenon Lamp, Filter, Protection Lens, Argon Gas	95*55*65cm

Size & Accessory List

N.W.:38KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



Packaging



Size:85x60x133(cm) G.W.:128KG



RLW-YG200-NA

- 200W Powerful Jewelry Welding
- Best Choice for Jewelry Maker
- 7*24 hours non-stop working
- Beautiful solderjoints, will not oxidize and change color.

Technical Parameter

Power	Joule Capacity	Spot diameter	Adjustable range of light spot	Pulse width	Frequency	Machine power consumption
200W	80J	0.15~2.0 mm	±3.0 mm	0.1-20 ms	1.0~50.0Hz (Continuously Adjustable)	<6KW

Refrigeration method	Water tank capacity	Display screen size	Machine Net Weight	Machine Gross Weight	Voltage frequency	Supported languages	Machine Dimension
Built-in Water Recycling	13L (Distilled Water)	7" (155mm x 87mm)	90KG	117KG	AC 220V ± 5%, 50HZ/60HZ	English, Turkish, Korean, Arabic	76cm x 40cm x 96cm

• Size & Accessory List

N.W.:90KG POWER:200W



Accessory List

Foot switch 1 pc	Power cord 1pc	M10 water pipe 1 M
Protective lens 2 pieces	Lifting platform 1pc	Microscopy

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:84x47x112(cm) G.W.:117KG



RLW-Y180J

- Clear & Convenient Observation
- High Welding Precision
- Flexible & Spacious Working Space
- Stable & Reliable Performance

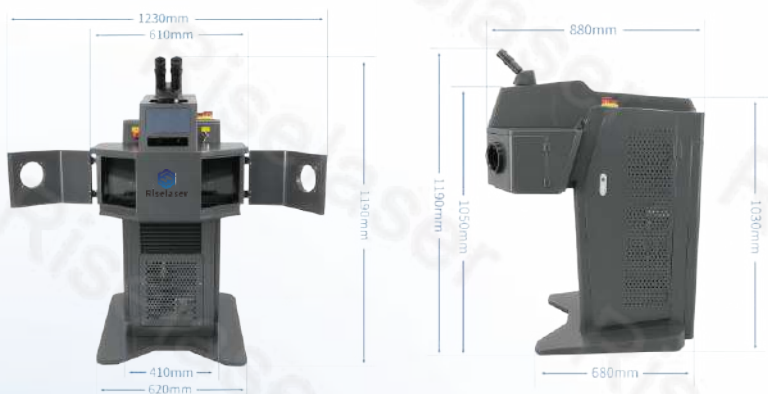
Technical Parameter

Power	Energy	Aiming and positioning	Pulse width	Focusing cavity reflector	Laser frequency	Pulse width
200W	180J	Microscopes, camera systems	1064nm	Golden Cavity	1-30HZ	0.3-25Ms

Spot adjustment range	Cooling power of chiller	Rated power	Electricity demand	Weight	External dimensions
0.2-2mm	1P	4KW	220V±5V 50Hz/60A	140KG	880×610×1190mm

• Size & Accessory List

N.W.:140KG POWER:200W



Accessory List

A set of YAG lasers	A set of optical system	One set of LCD display system
One microscope	One set of host cabinet	A set of chillers

• Application

Perfect for laser welding of gold & silver jewelry, stainless steel accessories, and precision metal parts, suitable for spot welding various jewelry items and manual welding intricate metal components.



• Packaging



Size:95x70x120(cm) G.W.:160KG

CONTACT INFORMATION



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