

LASER MARKER FOR GOLD JEWELLERY



Purity /
Fineness grade

Assaying &
Hallmarking
Centre's Mark

Year of Marking
e.g. A for 2000
N for 2011
P for 2012

Jewellers'
Identification
Mark

LASER MARKER

COMPREHENSIVE AND IN-DEPTH MARKING

LASER MARKER

PERFORMANCE | TECHNOLOGY | ACCURACY | SPEED





FINE MARKING



PRECISE



AIR COOLED



LASER MARKER FIBER

Redlands Laser Marker uses a highly concentrated energy from a very parallel beam of light focused to microscopic spot moved over the marking area to create a variety of images on a wide range of materials.

The Redlands Portable Fiber Laser Marker is an advanced third-generation laser marking system. It adopts the most advanced fiber laser and super-speed scanning galvanometric system in the world. It has excellent beam quality, high reliability and long service life with ease of maintenance. It can be used in fields requiring high marking depth, smoothness and fineness.

SPECIFICATIONS

Model	ALMI-20	RF-20
Laser Source	Multi Diode (Fiber - IPG)	Multi Diode (Fiber)
Laser Output Power	20W	20W
Laser Wave Length	1064nm	1064nm
Q-Switch Frequency of Laser	20kHz ~ 80kHz	20kHz ~ 80kHz
Marking Area	100mm x 100mm (optional)	100mm x 100mm (optional)
Minimum Character Size	0.5mm	0.5mm
Minimum Line Width	0.01mm	0.01mm
Marking Depth	≤ 0.02mm	≤ 0.02mm
Beam Quality M2	<1.1	<1.1
Marking Speed	600-1000 Characters	600-1000 Characters
Total Power	500W	500W
Electricity	220V AC 50/60Hz	220V AC 50/60Hz
Cooling System	Air Cooling	Air Cooling
System Dimensions(L x W x H)	800mm x 680mm x 1200 mm	800mm x 680mm x 1200 mm

FEATURES

- Movements -Manual / Automatic
- User friendly software
- Multi end-pump Diodes
- Good beam quality
- Fine marking line
- Air cooled
- Compact design



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