

Micro Laser Series

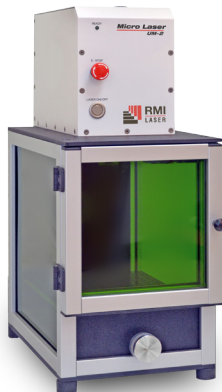


Laser Marker Head

Description

The Micro Laser Series includes the UM-2, a full-featured, high performance, mini-laser marking machine/ engraving machine that produces high quality laser engraving at a low investment cost. The UM-2 features an all-in-one system, meaning there isn't a separate controller. This system is ideal for small scale production environments but it can be used in higher volume applications depending on the marking type and the substrate.

The UM-2 laser gives us an advantage over our competition, let it do the same for you. Available in 1 watt configuration, the UM-2 also has a complete 2 year warranty. It is the world's most compact direct metal marking laser and its performance is totally unmatched in the industry today.



Class I Workstation

Benefits

- Smallest Direct Metal Marking Laser
- Most Versatile Direct Metal Marking Laser
- True Entry Level/Starter Level Laser
- RMI Laser Exclusive, a One-of-a-Kind Design
- Ideal for Consumer Personalization

\$ Economical

The Micro Laser is a truly versatile laser in an economical and ultra-compact package. It is able to mark multiple substrates while being compact enough to carry-on to a plane. This laser has been field tested and proven to generate you money.

Plug and Play

With our Class I Enclosures and professional installation, setting up your RMI Laser is simple and easy. Experience out-of-the-box and marking in less than an hour!

Marking Samples



Micro Laser Marking System

	UM-2
Laser Source Built-in	Built-In, Diode Pumped Nd:YAG
Wavelength	1064 nm
Laser Source Output	1 W @ 5 kHz
Peak Power	Up to 30 kW
Pulse width	~8 ns @ 5 kHz
100mm F-Theta Lens: Beam Spot Diameter Max Marking Area	50-60 μ m 2.5 x 2.5" 65 x 65 mm
160mm F-Theta Lens: Beam Spot Diameter Max Marking Area	70-80 μ m 5 x 5" 125 x 125 mm
Lenses available (focal length)	100 & 160 mm
Cooling System	Air-cooled
Operational Temp Range	~50 – 104 °F ~10 - 40 °C
Operational Humidity Range	85% non-condensing
Weight	11 lbs (5 kg)
Dimensions LxWxH	300 X 131 X 168 mm (11.8 x 5.2 x 6.6 in.) *without F-theta lens

Micro Laser Configuration Options

- Available with 100 mm & 160 mm F-Theta Lenses
- Class I or Class IV Configurations
- Plug and Play Rotary Chuck Adaptation



Class IV Setup