



Ultra-Compact Design
Economical Package
RMI Exclusive System

UM-1 Nd:YAG 

UM-1 *Nd:YAG*

**Easy Operation
Extensive Capabilities**



Stand Alone Class 1 Safety Enclosures

The UM-1 is a compact fully functional marking system for both metals and plastics.

The UM-1 is a fully-featured, high performance laser marking system that produces high quality laser marking at a low investment cost, ideal for small scale production environments.

It is the world's most compact and best priced direct metal marking laser and its performance is totally unmatched in the industry today.

The UM-1 is truly marking versatility in an economical and ul-

tra-compact package. If you have any question as to whether or not you can afford or could use a laser marking system this is the machine that will convince you. This laser gives us an advantage over our competition, let it do the same for you.

Available in 1 watt configuration, the UM-1 has a complete 2 year warranty.



Our software can create data matrices and serialized alpha-numeric for indelible part identification.

High contrasting easy to read laser marking on a variety of materials.



Graphics and custom text are easy to apply and can be created or imported to SW Pro, our included software.

Our marking systems can give you better options for traceability and compliance.



Economical

One of the things that makes the UM-1 unique is that it was designed to be a high quality laser marker at a low cost. For smaller production environments this is a great option



Small Footprint

The UM-1 is our most compact marking system and is easy to fit into your production process. Its size makes it very adaptable as your production process changes and evolves.

Laser marking systems

Class 1 enclosures

UM-1

Peak Power or Pulse Energy	≤ 30 kW	Marking Head	
Wavelength	1064 nm	Weight, w/out F-Theta Lens	11.2 lbs / 5.1kg
Q-Switch Pulse Width	~8ns @ 5 kHz	Dimensions LxWxH(mm)	245 x 131 x 174
Max Marking Areas/ F-Theta Lenses		Controller	
100mm	65 x 65 mm	Power Source (single phase)	AC 100-240V, 50-60Hz
<i>Working Distance</i>	100 +/- 2 mm	Consumption Power	<200W
163mm	105 x 105 mm	Weight (with 2m cables)	7.0 lb / 3.2 kg
<i>Working Distance</i>	186 +/- 3 mm	Dimensions LxWxH(mm)	152 x 229 x 75
Operational Temp Range	50 – 95°F 10 - 35°C		
Operational Relative Humidity	80%, non-condensing		



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