

Portable Laser



Portable Battery Powered Laser

Fully programmable laser marking machine in a versatile, simple to use, package. Can be used on a variety of materials for precise and permanent marks.

Applications Include:

- Programmable Marking • Component Identification • Component Traceability • Serial Numbering
- Logo Marking • Security Marking • Health & Safety Appliance Marking • Certification Marking
- Decorative Trophy & Award Marking • Time & Date Marking • Part Numbering
- Batch & Shift Coding • Calibration Systems • Label & Tag Marking

TECHNICAL SPECIFICATIONS

	30W STANDARD	30W MOPA
Marking Area	70mm x 70mm	
Screen	3" Display screen located on marking head	
Red Guide Laser	3200 – 1000 μ W (Class 2)	
Bending Radius	Min. 100 mm	
Weight	Approximately 50kg	
Polarization	Random	
Humidity	10 to 95%	
Cooling	Air Cooling	
Power	Battery Pack including 5m cable	
Operating Temp.	50°F to 104°F (10° to 40°C)	32°F to 104°F (0° to 40°C)
Mode of Operation	Pulse	Pulsed & Continuous
Repetition Rate	40 – 60 kHz	1 – 4,000 kHz
Laser Source	30W pulsed fiber laser	30W MOPA fiber laser



KEY FEATURES

- Class 1 laser system
- Dedicated trolley
- Battery powered- charge lasts 8-10 hours
- Mark a wide range of materials
- Fast and efficient
- Red beam laser guide
- Integrated 3" display
- Interchangeable mask options



AVAILABLE MASKS

- Flat surface
- Curved surface
- End of bar mask
- Docking mask with clamps

TRACEABLE-IT SOFTWARE

- Project designer
 - Easy Setup/Marking Files
- User Manager
 - Security Settings
 - Certified Reports & Operator Log
- Saves files and programs for future use
- Uses fonts made for quality electrochemical marking
- Character sizes adjustable from .060" to 3.0" by .001" increments
- Kerning and character spacing features
- Serial number functions
- Date code functions
- Ability to insert shapes in marking layout
- Minimum character height of .060"
- 2D Data Matrix Symbology software
- Spec 2000, MIL Std. 130 and DoD UID



When identification is critical for traceability or product impact, a quality mark is required. Monode combines creative engineering with a full range of marking solutions to meet your needs. Over a half-century of progress as a trusted "parts marking problem solver" ...that's Monode!



**Quality Marking Equipment with
Integrated Machine Vision Solutions**