



Safe  
Large handles  
Permanent marking  
Ergonomic touchscreen

## Hand Held Laser



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A fast and versatile marking system. Suitable to high volume and high variety output. Laser engraving provides excellent precision on a wide range of materials.

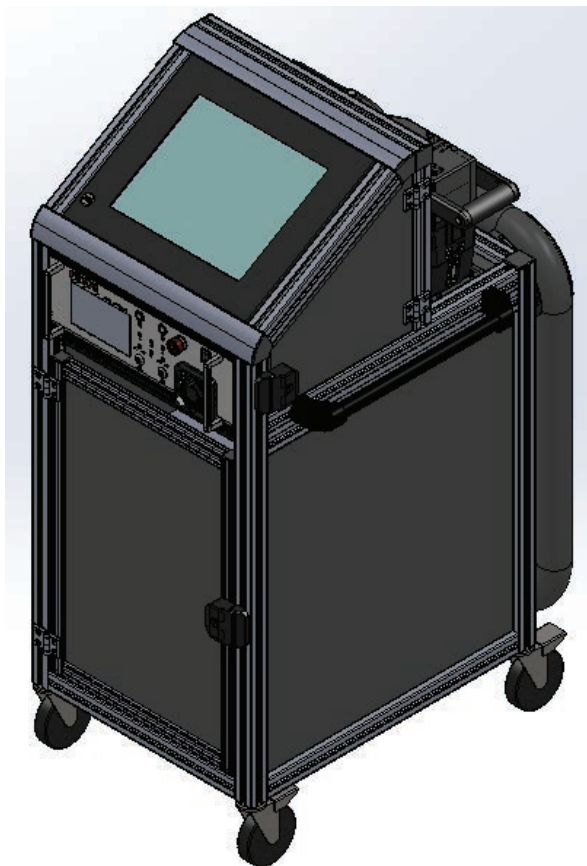
#### Applications Include:

- 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

intelligent marking solutions

## Features

- Interlocked safety switches
- Vacuum sensing and Protective guarding around aperture/mask makes our system the safest Portable Laser Marker on the market
- Dedicated trolley with inbuilt controller and ergonomic touchscreen for programming
- Large handles with start/stop trigger for easy positioning



## TECHNICAL SPECIFICATIONS

	YF20	YF20 Pro	YF50
Pulse Energy	1mJ	1mJ	1mJ
Average Power	20W	20W	50W
Msquared	1.6		
Polarization	Random		
Power Tunability	10%-100%		
Pulse Duration at 20KHz	100ns	4,8,14,20,30,50, 100 & 200ns	120ns
Repetition Rate	20 KHz to 200 KHz	1.6KHz to 1000KHz	50KHz to 200KHz
Long Term Power Stability	1-3%		
Operating Temperature	0 to 42°C		
Cooling	Active Air Cooling		
Fiber Optic	2 Meter Pigtail with 8mm Collimator/Isolator		
Power	Less than 200W-110 or 220 VAC		
Product Warranty	2 Years as Standard		



*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**