

**Handheld
Fiber Laser**
Marking series



**Desktop
Fiber**
Marking series



**Portable
Fiber Laser**
Marking series



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MOBILE LASER MARKING APPLICATION SOLUTION

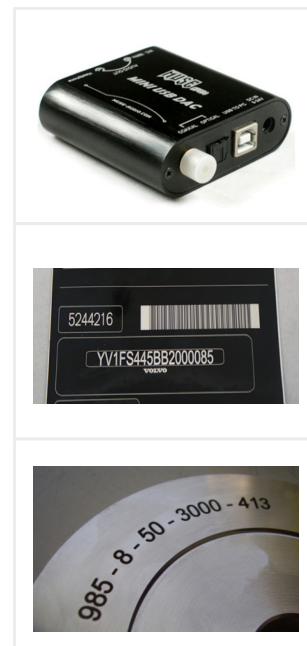
Desktop, Handheld, and Portable Fiber Laser Marking Series

Details

- Professional fiber laser source made by Raycus, for easy usage and low maintenance.
- Lifetime up to 100,000 hours, without any consumables or spare parts required in between usage.
- Software provided to design and transfer the content to the laser marking machine.

Application

- Suitable for plastics such as PP, PE, and others and for metals such as steel, stainless steel, aluminium, copper and others.
- Engraving or marking and coding, text, date/time, barcodes, images and vectors.



Technical Parameters

Item		Mobile 20 / 50		
Marking Parameter	Focusing Lens	F = 160	F = 210	F = 254
	Marking Area	110 x 110	145 x 145	175 x 175
	Working Distance	180 ± 3.6	226 ± 4.5	278 ± 5.6
	Marking Speed	≥ 7 m / sec		
	Repositioning Resolution	< 2 μ rad (F160, 0.36 μm)		
	Min. Marking Char	0.2 mm		
	Min. Line Width	60 μm (depending on the material)		
Marking Laser	Wavelength	1064 nm		
	Output Power	20 / 50 Watt		
	Power Stability	< 3% rms		
Indicator Laser	Pulse Repetition Freq.	20 KHz ≤ F ≤ 80 KHz		
	Wavelength	Infrared light, 650 nm		
	Output Power	< 5 mW		
Others	Operating Environment	0° - 35°C, humidity ≤ 90% (non-condensing)		
	Cooling Method	Air cooling		



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Laser Online Marking Application Solution