



DATAMARK FIBER LASER

Desktop & Integrated Laser Marking

REFERENCE FL-20-20W, FL-30-30W, FL-50-50W

Datamark laser technology	Q-switched diode-pumped fiber laser; air cooled
Output power	20, 30 or 50 watts
Wavelength	1064 ± 4 nm
Pulse frequency / duration	100 ns
Standard F160 lens	4.33" x 4.33" (110 x 110mm) marking window 7.28" (175mm) marking distance
Optional F254 lens	6.9" x 6.9" (175 x 175mm) marking window 11.22" (285mm) marking distance
Marking speed	Max. 236.2 in./sec. (6000 mm/sec.)
Focus system	Red light focus pilot
Marking programming	Datasoft PC Software
Interfaces	USB 2.0, IN/OUT
Control panel	Emergency stop, lock key, laser & red pilot on-off
Fiber coupling length	4 ft. 4 in. (1.3 m)
Weight	Marking head: 10 lb 9 oz / Controller: 40 lb 13 oz
Power supply	120V/50-60HZ
Operating conditions	50°F - 107°F, 10%-85% relative humidity
Operating consumption	Max. 200W
Laser safety class	Class 4
Optional equipment	Column & base for desktop marking. Fume extractor. Laser cabinet. Electric Z-axis.