

Compact Precision UV Laser



Compact Air Cooling UV Laser Marking Machine



SMUV3A-S Series
Fiber Laser Head



SMUV3A-S Series
Fiber Laser Control Rack



SMUV3A-S Series
Standard Working Table

SoonMark use precision beam quality, high efficiency (20% higher than other brand), high peak power, special air cooling (work on 0 to 40 degree C environment) UV laser source with special scanner head together and put the laser control card, embedded PC, 10.4" LCD monitor and power pack to a compact control rack for easy carry and maintenance., therefore the marking efficiency, stability, quality and life better than other brand's UV laser.

Marco-SMUV3A-S no need PC and monitor, just use remote keyboard and mouse to make it work. The Marco 5.1 software easy operate and it is used for flexible marking on heat sensitive and hard marking material in aerospace, medical, solar industrial such as, steel, different plastic, glass, coating paper and ceramic marking.

All of the special source of SMUV3A-S Marking Laser should pass aging test to assure a long working life, life above 10000 hours and it is easy to replace the source and other parts for maintenance purpose.

Marco Marco-SMUV3A Series Fiber Laser Specification

Type/Specification	SMUV3A-S
Average Power	>3W (@40KHz, <10ns)
Power Stability	<+-1% (rms)
Wavelength	355nm
Beam Quality & Modulation	M2<1.2 2-200KHz
Pulse Width	<10 ns (@40KHz)
Pulse Energy/Peak Power	500uj / (@40KHz)
Repeat Accuracy	+0.01mm
Beam Size	0.03-0.04mm Dia. (STD. F1630 Len, 110x110Marking area)
Aiming Beam	1mW @635nm with red diode light for marking position
Main Power Supply	Single phase 100-240VAV/50/60Hz
Power Consumption	<600W
Operating Temp.	0°C to +40°C
Cooling Way	Air to Air
Control Rack Dimension & Weight	395mmX262mmX251mm 12Kg
Laser Head Dimension & Weight	688mmX183mmX180mm 15Kg
Focus Len Size And Marking Area	F163 110X110 mm (STD) F254 175X175mm

Application

