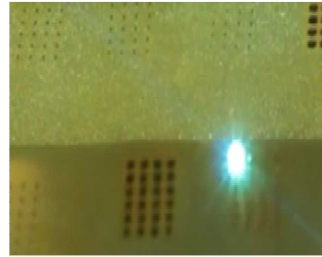




# YS LaserMarker

Japan  
Sun Instruments, Inc.

High Quality - High Speed



## Description:

The Portable Fiber Laser Marker, YS series adopts the most advanced IPG fiber laser in the world and CTI super-speed scanning galvanometer system.

### High Durability

The laser module has a long service life greater than 100,000 hours, while the traditional lamp pump YAG can only serve hundreds of hours and the semiconductor 20,000 hours.

### High speed

It applies an CTI high-speed galvanometer scanning head, which has greatly reduced the latency and increased the marking speed, by 3 to 10 times higher than the traditional lamp-pumped marker and the laser diode marker (depending on the marking material).

Sun Instruments, Inc.

## Specifications:

Model	YS-P20	YS-P30	YS-P50	YS-P100
Laser output power [W]	≤20	≤30	≤50	≤100
Laser wavelength [nm]	1064	1064	1064	1064
Laser mode	Pulse	Pulse	Pulse	Succession
Beam quality M2	<1.8	<1.5	<1.5	<1.5
Frequency of laser (short pulse type)	20kHz-80kHz (2kHz-1MHz)	30kHz-100kHz	50kHz-100kHz	CW
Marking range [mm]  (Optional)	110 x 110 (70 x 70) (300 x 300)	110 x 110 (70 x 70) (300 x 300)	110 x 110 (70 x 70) (300 x 300)	110 x 110 (70 x 70) (300 x 300)
Marking depth [mm]	≤1	≤2	≤2	NA
Min. linear width [mm]	0.01	0.01	0.01	0.01
Repeatability [mm]	±0.0001	±0.0001	±0.0001	±0.0001
Power supply	AC100-200V	AC100-200V	AC100-200V	AC100-200V
Marking speed	600-1000 Characters/s	600-1000 Characters/s	600-1000 Characters/s	600-1000 Characters/s
Cooling system	Air cooling	Air cooling	Air cooling	Air cooling

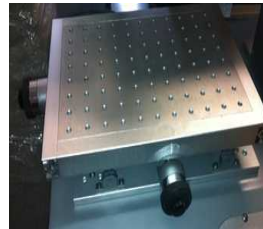
## Options:



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<XY table>



< F-θ lens>


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