

A new generation of ultrafast lasers

Satsuma

Compact high repetition rate, high power ultrafast fiber laser

With its extremely high repetition rate and excellent beam quality, the Satsuma combines the high quality of ultrafast laser micro-machining with the high speed processing required for industrial applications. Optional green and UV outputs extend the applications range.



#1 Air-cooled

#2 High speed

#3 Industrial design

#4 Optional green and UV outputs



Laser Specifications

脉动科技有限公司

中国代理商

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	SATSUMA	SATSUMA HP	SATSUMA HP ²
Average power	> 5 W	> 10 W	> 20 W
Pulse energy	> 10 μJ	> 20 μJ	> 40 μJ
Pulse duration	< 400 fs		
Repetition rate	Single shot to 2 MHz		
Wavelength	1030 nm		
Beam quality	M ² < 1.2	M ² < 1.2	M ² < 1.3
Spatial mode	TEM ₀₀		
Dimensions	50 cm x 33 cm x 12 cm		



Average power



Pulse energy



Pulse duration



Repetition rate



Wavelength



Beam quality



Spatial mode

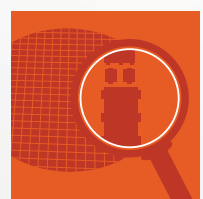


Dimensions

Applications



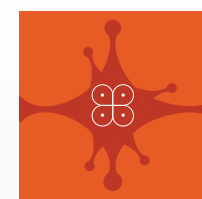
Ophthalmology



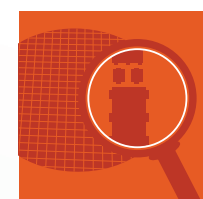
Microelectronics



Medical Device Manufacturing



Biology



MicroMachining



Specifications subject to change without notice