

A new generation of ultrafast lasers

Satsuma HP³

50 W average power, high repetition rate, for high precision industrial processes

Offering the highest average power on the femtosecond laser market, the Satsuma HP³ meets the throughput requirements of today's most demanding industrial markets. This compact and reliable platform provides high pulse repetition rates while introducing a new standard for high precision, higher quality processes.



#1 High speed









#2 Industrial design

#3 Optional green and UV outputs



Laser Specifications

SATSUMA HP³

	Average power	> 50 W
	Pulse energy	> 40 μ J
	Pulse duration	< 400 fs
	Repetition rate	Single shot to 2 MHz
	Wavelength	1030 nm
	Beam quality	$M^2 < 1.3$
	Spatial mode	TEM ₀₀
	Dimensions	50 cm x 33 cm x 12 cm



Specifications subject to change without notice

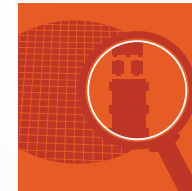
Applications



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