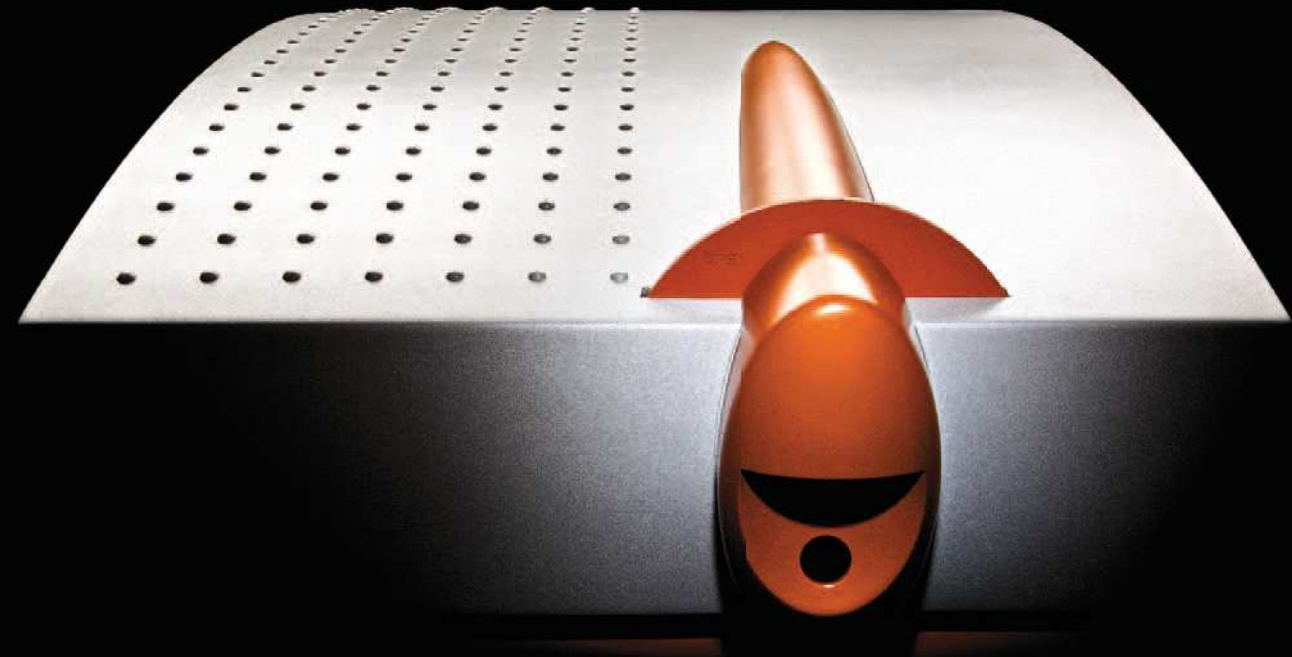


A new generation of ultrafast lasers

s-Pulse

Diode pumped femtosecond amplifier

s-Pulse is a diode pumped femtosecond amplifier laser setting new standards for performance. Optional green and UV outputs extend the applications range.



#1 High energy

#2 Ease of use

#3 Industrial design

#4 Optional green and UV outputs



Laser Specifications

	S-PULSE HR	S-PULSE HP	S-PULSE HP ²
 Average power	> 2.5 W	> 4 W	> 8 W
 Pulse energy	> 40 μJ	> 1 mJ	> 2 mJ
 Pulse duration	< 500 fs		
 Repetition rate	Single shot to 300 KHz		
 Wavelength	1030 nm		
 Beam quality	$M^2 < 1.2$		
 Spatial mode	TEM ₀₀		
 Dimensions	43 cm x 32 cm x 16 cm	84 cm x 51 cm x 25 cm	75 cm x 57 cm x 24 cm



Specifications subject to change without notice

Applications



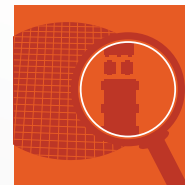
Ultrafast Science



Metrology



Ophthalmology



MicroMachining



Particle Acceleration

