

SMART LASER

OUR POWERFUL NEW-GENERATION ACTIVE FIBRE SYSTEMS WITH VARIABLE PULSE DURATION FOR CLEANING LARGE SURFACES AND REMOVING GRAFFITI

The SMART range is now available in two different powers: 100W and 300W. These systems feature a lightweight, ergonomic handpiece specially designed for this application. The systems are housed in a sturdy case for safe transportation. Thanks to a touch-sensitive interface for adjusting the various emission parameters, the SMART 100 and 300 can quickly treat layers of different thicknesses and types. Pulse duration can be modified and, depending on the model, maximum powers of 100W or 300W can be achieved. The scanning is variable in size and shape to suit different applications: the maximum scan size is 100mm for the SMART 100 and 170mm for the SMART 300. The SMART range is particularly well suited to **cleaning large architectural surfaces, facades, large stone or metal statues and removing graffiti quickly and efficiently.**

- **Ytterbium-doped active-fibre laser**
- **Power 100W and 300W**
- **Variable scan size of up to 10 or 17 cm**
- **Very silent, Air-cooled system**
- **Precise cleaning even of delicate surfaces**



	100W	300W
Wavelength	1064nm	
Pulse duration	2-500 ns	
Maximum power	100W	300W
Power selection	0-100% (step 1%)	0-100% (step 1%)
Repetition frequency	20 – 4000 KHz	
Max scan size	100 x 100 mm	170 x 170 mm
Scan shape	line, lissajous, circle, brush, cross-brush	
Aiming beam	1 mW; 660nm	
Beam delivery	5m optical fiber	
Shutter	Controlled by a trigger on the handpiece	
Power supply	100-230V 50-60 Hz max 500W	100-230V 50-60 Hz max 1500W
Cooling	Air	
Size and weight	57 x 42 x 78 cm 58 Kg (handpiece 1.2Kg)	57 x 48 x 99 cm 82 Kg (handpiece 1.2Kg)



LIGHT FOR **ART**

Laser systems for conservation