

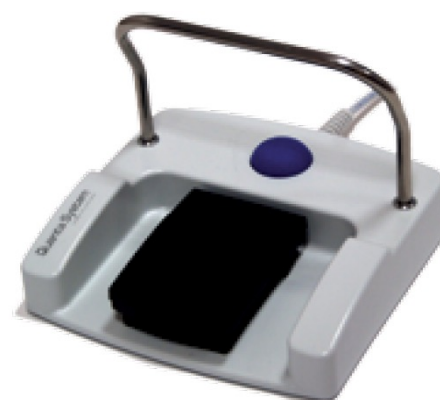


TECHNICAL FEATURES

- up to 35 W Power Output
- up to 5 J Energy per Pulse
- up to 30 Hz - Repetition Rate
- 95-1500 µs - Pulse Duration
- RFID Fiber Recognition System
- Touchscreen Display
- Double Footswitch
- Frontal Footswitch Connection

DOUBLE FOOTSWITCH

The double footswitch with front connector allows the operator to control the Ready/Standby status directly from the footswitch without the need of assistance in operation by touchscreen.



DUSTING EFFECT, AN ADDED VALUE

Quanta System introduces a new application setting: the Lithotripsy DUSTING EFFECT. This preset Application can be found on the main application menu beside Lithotripsy HARD STONE, Ablation and Coagulation.

The setting is intended for calculi, especially the renal ones, where the dusting effect lithotripsy technique could eliminate the need for basket extraction and that way reducing the total time of the procedure.

The employment of extended pulses and the broad regulation possibilities (concerning laser intensity and frequency) allow to adapt the treatment to calculus dimension and properties, strongly reducing retropulsion effects.



TECHNICAL SPECIFICATIONS

	Model 30 W	Model 35 W
Average power	30 W	35 W
Repetition rate	3 ÷ 25 Hz	3 ÷ 30 Hz
Energy per pulse	0,2 ÷ 4 J	0,1 - 5 J
Wavelength	2,1 µm	
Pulse duration	95 ÷ 1500 µs	
Beam delivery	Wide range of flexible silica fibers	
Recognition fiber	RFID System	
Activation	Double Footswitch	
Aiming beam	532 nm, (adjustable <5mW) - Class 3R	
Electrical requirements	230 Vac, single phase; 50/60 Hz; 10 A - 115 Vac, single phase; 50/60 Hz; 20 A	
Cooling	Air cooled (closed water-air cooling circuit)	
Operating temperature	10°C ÷ 30°C	
Dimensions	260 (W) x 840 (D) x 920 (H) mm ³	
Weight	86 kg	
Laser Class	4 (IEC/EN 60825-1:2007)	