

YouLaser CO₂

The CO₂ Laser Solution for Skin Rejuvenation and Surgery

FRACTIONAL SKIN RESURFACING
SKIN REJUVENATION
WRINKLES
GENERAL SURGERY



Quanta System
DNA Laser Technology



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TECHNICAL SHEET (FRACTIONAL MODALITY)

Type of Laser	CO ₂
Wavelength	10.6 μm
Delivery System	7-mirror articulated arm
Power to Tissue	30 W
Aiming Beam	Red Laser Diode, 3 mW - adjustable
User Interface	Color Touch Screen
Electrical Requirements	230 V / 3.7 A (max) / 50-60 Hz
Size (without arm)	48 L x 55 W x 120 H cm
Weight	30 Kg
Method of optical output	Articulated arm + scanner
Pulse width range	50 μs* – 20.000 μs
Spot size (on the skin)	200 μm
Spot density	100 , 200 , 500 spot/cm ²
Max scanning area	21 x 21mm ²
Scan mode	Interlaced scanning - Stack Pulse
Selectable functions (from the scanner)	Area, Shape, Spot density
Sectable functions from the machine screen's menu	Laser Power, Pulse Duration

SURGICAL MODALITY

Handpiece with focal length 100 mm
Handpiece with focal length 50 mm

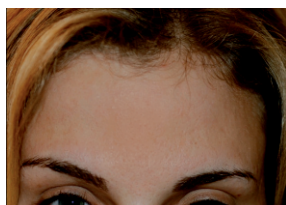
DATA BASE

Up to 50 protocols are storable in the machine's menu

*Note: from 50 up to 250 μs: Hyperpulse™ CO₂ modality.
This modality guarantees the minimum thermal diffusion around the micro dot.
Optional: 110V/8A (max)/50-60 Hz, Micromanipulator, Smoke evacuator



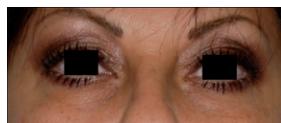
Acne scars pre



Acne scars post



Periorbital wrinkles pre



Periorbital wrinkles post

Specifications are subject to change without notice.

Quanta System's products are manufactured according to the International standards and have been cleared by the most important International notified bodies. The Company is UNI EN ISO 9001:2008 and UNI EN ISO 13485:2003/4 certified.

Quanta System S.p.A. was founded in 1985 and belongs to the El. En Group (a public company listed on the Star segment of the Italian Stock Exchange) since January 2004. The company, divided into three business units (scientific, industrial and medical) is specialized in laser and opto-electronic devices.