

Specifications

Company Name	Lumenis
Model Name	UltraPulse TotalFX Package 110V OR
Part Number	GA-0000530
Synopsis	Premium Aesthetic CO2 Laser for Advanced Dermatology and Plastic Surgery

Technical Specifications

Laser Type	UltraPulse or CW- CO2 (10.6µm) sealed cavity RF-excited, tankless
Wavelength	10.6 micron
Laser Power CW	60 Watt
Laser Pulse Power UltraPulse to Tissue	240 Watt
Weight	280 lbs Office Model: 36 × 51 × 158 cm (13.5 × 20 × 60") O.R. Model: 36 × 51 × 195 cm (13.5 × 20 × 77")
Dimensions	
Power requirements	120V / 20 A, 50/60 Hz
Fiber Compatibility	Not applicable
	<ul style="list-style-type: none">• SurgiTouch Automation System• Nasal & Laryngeal Probes• Oral Pharyngeal & Nasal Handpieces• Laser Bronchoscope• OtoLam Ear Aeration System• Focusing Handpieces• CPG skin resurfacing scanner• DeepFX fractional resurfacing scanner• Micromanipulators: AcuSpot, MicroSlad, ColpoSlad• Micromanipulator AcuSpot 712L/Z (world's only large aperture micromanipulator)• Digital AcuBlade laryngeal (robotic) microsurgery system• Laparoscope Adapters: Beam Align• Laparoscopes: Single Puncture, Second Puncture
Delivery System Compatibility	
Cooling system	Self-contained, closed cycle
Safety approvals	UL, CE More than 220 cleared indications in the specialties of: Dermatology & Plastic Surgery Podiatry Otolaryngology Gynecology GYN Laparoscopy Neurosurgery Orthopedics General / Thoracic Surgery Dental / Oral Surgery Genitourinary
FDA clearances	
BME training	Held periodically at Lumenis headquarters
Clinical Training	Clinical Inservicing & Preceptorships
Service	Direct factory trained field service organization
International Manufacturing Standards	Distributed and sold worldwide
LASER CAPABILITIES	
<u>Capability: Continuous Beam</u>	Y
Spot size	120 µm and 1300 µm
Power	0.05-240 Watts
Maximum Depth of Penetration	1500 µm
<u>Capability: Fractional</u>	Y
Spot size	120 µm and 1300 µm
Density	5-100%
Repetition Rate	Up to 600 Hz
Energy/pulse, mJ	2 - 225 mJ
Maximum Depth of Penetration	1500 µm
<u>Capability: UltraPulse</u>	Y
Spot size	120 µm and 1300 µm
Pulse width, µsec	Up to 2 ms
Repetition rate, Hz	Up to 600 Hz
Energy/pulse, mJ	2 - 225 mJ
Exposure time, sec	≥0.1-continuous
Maximum Depth of Penetration	1500 µm
DELIVERY SYSTEM	
Handpieces	DeepFX Microscanner, ActiveFX UltraScan CPG , Incisional (0.2mm + 1.0mm + Spatula Tip (Narrow)), Spatula Tip (Standard)
AIMING LASER	
Wavelength, nm	Diode 635 nm
Power, mW	5.0 mW maximum