

CE 2195

Ultra Dream Pulse CO₂ Laser System

The Ultra Dream Pulse System from D.S.E is one of the most technically advanced lasers of its kind and combines the innovative design with uncompromising performance. Precise tissue vaporization and coagulation, improved surgical visibility and inherent sterilization, excellent hemostatic with generally no dressing requirements reduced surgical time and minimal post-operative discomfort, precise surgery with minimal damage to tissue, minimal necrosis adjacent to the target tissue, and so on are affordable with our laser system.

Unlike others, our Ultra CO₂ laser system has unique Ultra Dream Pulse Mode, an innovative Ultra Pulse Mode, Super Dream Pulse with which the pulse width and the pulse interval are easily adjustable, making a wide variety of surgical applications maximum flexible and perfect.

Please select our Ultra Dream Pulse CO₂ Laser, then you will fully satisfied our qualified Ultra Dream Pulse CO₂ laser system.

APPLICATIONS

- Nevus
- Freckles
- Birthmarks
- Corn, Warts etc
- Syringoma
- Phimosiectomy (circumcision)
- Skin Resurfacing
- Dental Surgery
- Tumor Elimination
- Hemorrhoid
- Osmidrosis
- Allergic splenitis
- Snoring
- Condyloma
- Fine wrinkle



Ultra Dream Pulse CO₂ Laser System



Laser Source	
Laser Type	CO ₂ Laser
Laser Tube	Sealed-off CO ₂
Wavelength	10.6um, invisible infra-red
Dominant mode	TEM00
Divergence	< 3mrad
Laser Power	CW 1W ~ 30W
Super Pulse Mode	1.0ms ~ 1.7ms (Mode A ~ Mode H)
Ultra Pulse Duration	90us ~ 900us (selectable)
Peak Power	315W at 90us
Repeat Time	2ms ~ 500ms (selectable)
Operating Modes	Continuous Wave, Normal Dream Pulse, Super Dream Pulse, Ultra Dream Pulse

Beam Delivery	
Articulated Arm	7 Joints with purge Air Tubing
Focal Length	100mm / 50mm
Spot Size	0.2mm at handpiece

Aiming Beam	
Laser Type	Semiconductor Laser Diode
Wavelength	650nm
Beam Diameter	2.5mm at Source
Output Power	Adjustable from 1 to 5mW

General Features	
Electrical Requirements	220VAC, Single Phase, 50/60Hz
Cooling System	Water cooling with Sealed closed circuit
Dimensions	420(W) X 410(D) X 920(H)mm
Weight	45Kg
Microprocessor Control Actuator	covered foot switch

Optional Fittings	
ENT Handpiece Set	
Special Handpiece for 200mm Handpiece	
Scanner (Skin Resurfacing Scanner)	
Dental Handpiece	
Smoke Evacuator (DS-2000EL)	
Micro Manipulator & Adapter for Microscope and Colposcopes	



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