

CO2 Laser System, VRL and CO2 Surgery



PureLase

CO2 LASER SYSTEM

- ✓ **Comprehensive skin solutions** – one-stop solution for all skin concerns
- ✓ **Convenience and Accessibility** – 24-hour access without downtime for lasting profits
- ✓ **Cost-Efficiency** – low operational costs, no consumable parts, one-time investment

K232133

FDA
CLEARED



www.cpmt-laser.com



Your Partner in Aesthetic Laser Technology

PureLase Specifications

KEY FEATURES



- **10,600 nm wavelength**
- **One-stop machine to treat a wide range of dermatological issues**
- **Highly flexible system**
- **Multiple scanning options (square, circle, spiral, grid, circumferential, straight, curved, customizable)**

Applications

Fractional CO₂ Laser

Skin resurfacing, skin rejuvenation, stretch marks, scar remodeling, skin sagging

Vaginal Rejuvenation Laser

Vaginal tightening, stress urinary incontinence (SUI), vaginal dryness, post-menopausal GSM, post-delivery rehabilitation

CO₂ Surgery

Wart removal, mole removal, benign tumor removal, skin derivatives, ENT surgeries

Inclusions

- RF Laser Tube laser source
- 7-articular arm beam support
- 635 nm infrared arm

Performance

- No machine downtime even with 24-hour use
- Low operational cost, no consumable parts



FDA
cleared
K232133

TECHNICAL SPECIFICATIONS

Scan Patterns	Square, rectangle, triangle, line spiral, round, oval, 6-diamond, customizable	Scan Interval	0 - 6 seconds
Scan Size	0.1 x 0.1-20 x 20 mm	Weight	40kg(arm),63kg(gross)
Manual Modes	Fractional, cut, 3D, 4D	Safety Compliance	FDA Cleared K232133
Surgery Modes	Pulse, Super pulse, Single, Continuous	Arm/Full Dimensions	48×48×126cm/ 109×36.5×22cm
Pulse Energy	1-300mJ for US (up to 400)	Power	30 Watts for US (up to 40 Watts)
		Warranty Details	1 year (2 years for USA)

PureLase Inclusions



SURGICAL HANDPIECE



FRACTIONAL HANDPIECE
(optional)



LASER ARM



ULTRA FRACTIONAL
TIP (150 Microns)



MICRO ABLATIVE
TIP (400 Microns)



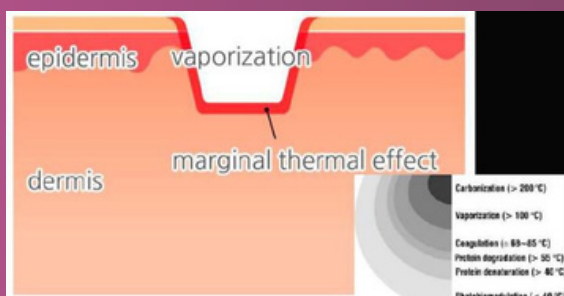
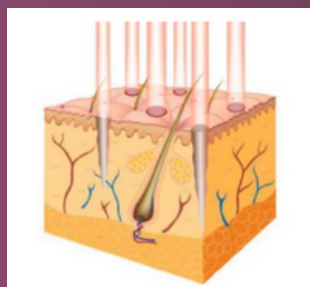
NON ABLATIVE TIP
(800 Microns)



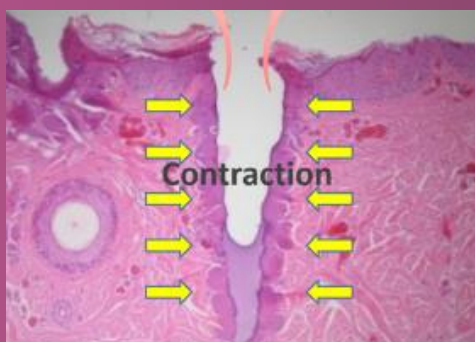
VAGINAL PROBES
(OPTIONAL)

How PureLase Works

The CO2 laser works at a specific wavelength of 10,600 nm. When this laser is radiated on the body, it mainly affects the water inside tissues. The water in cells and tissues absorbs the laser energy. The absorbed energy makes the tissue heat up.



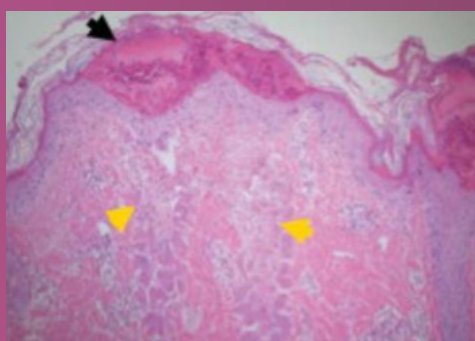
If we add even more energy, the tissue can turn into vapor. The heat also helps with wound healing. It makes the tissue around the treated area thicken and form a protective layer.



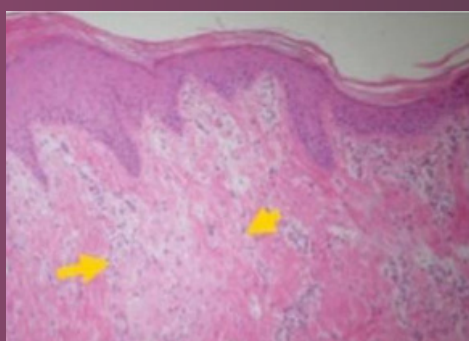
Micro-ablation columns created by the laser beams.



Rounded healthy tissue promotes rapid healing.

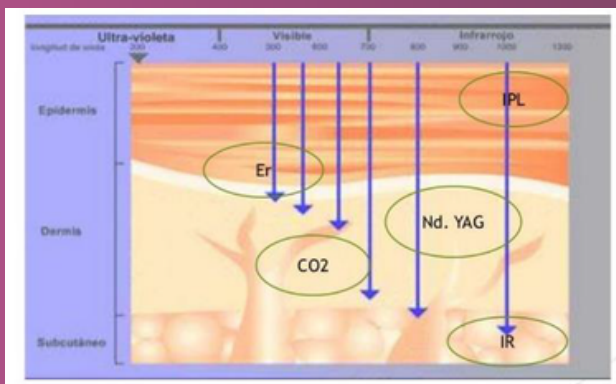


New collagen forms and the surface is restored.



Collagen remodeling continues up to 9 months.

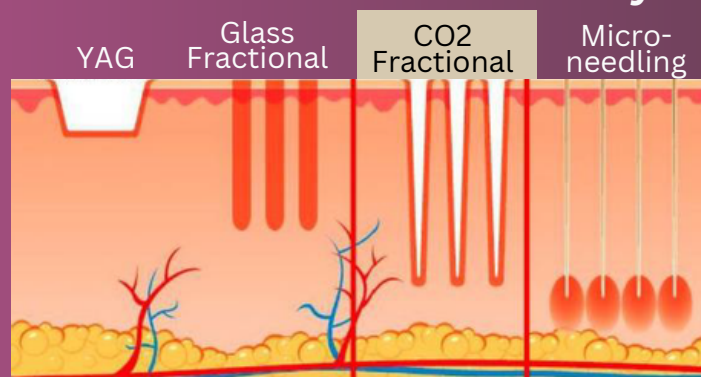
How PureLase Works



Depth of Laser

CO2 Laser effectively penetrates up to the deeper part of the dermis.

Selective Subcellular Thermolysis



Other Fractional Lasers



Too large and traumatic



Too small, not uniform and too far apart

VS

PureLase



Small, uniform and uniformly-spaced

PureLase Applications



skin
resurfacing



stretch
marks
removal



scar
revision



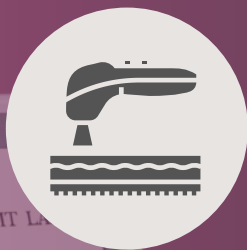
vaginal
tightening



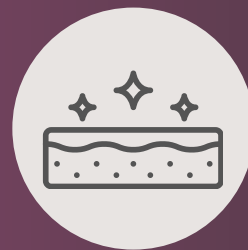
benign
tumor
removal



wart/mole
removal



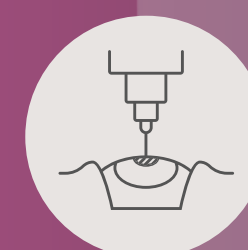
skin
remodeling



skin
rejuvenation



general
surgery



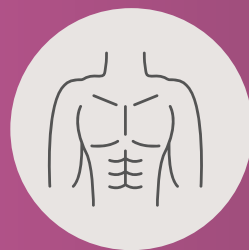
ophthalmology



neurosurgery



dental
surgery



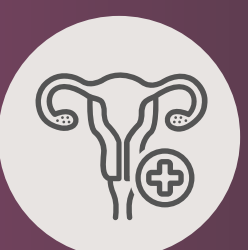
thoracic
surgery



otolaryngo-
logy



podiatry &
orthopedics



gynecology

PureLase

