

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



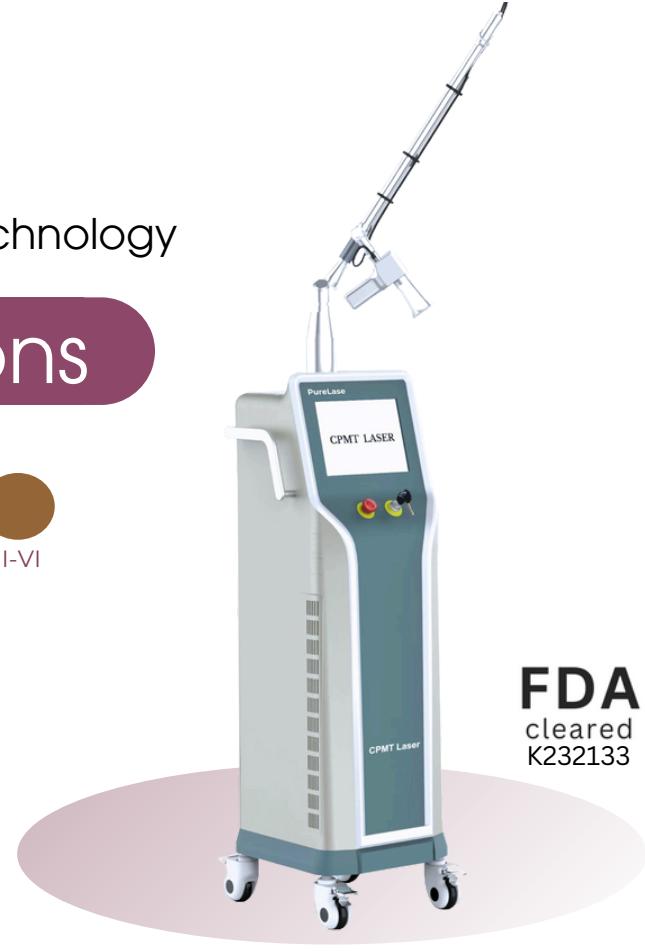
Your Partner in Aesthetic Laser Technology

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

TECHNICAL SPECIFICATIONS

Scan Patterns	Square, rectangle, triangle, line	Scan Interval	0 - 6 seconds
	spiral, round, oval, 6-diamond, customizable	Weight	40kg(arm),63kg(gross)
Scan Size	0.1 x 0.1-20 x 20 mm	Safety Compliance	FDA Cleared K232133
Manual Modes	Fractional, cut, 3D, 4D	Arm/Full Dimensions	48x48x126cm/ 109x36.5x22cm
Surgery Modes	Pulse, Super pulse, Single, Continuous	Power	30 Watts for US (up to 40 Watts)
Pulse Energy	1-300mJ for US (up to 400)	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)



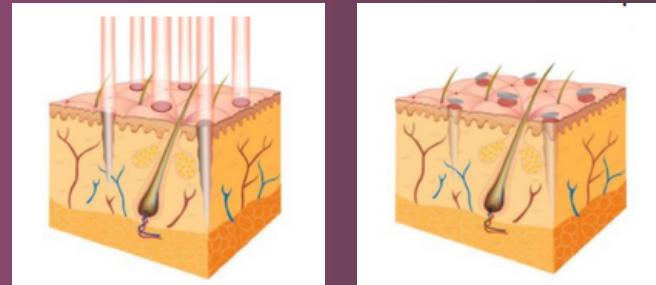
NON ABLATIVE TIP
(800 Microns)



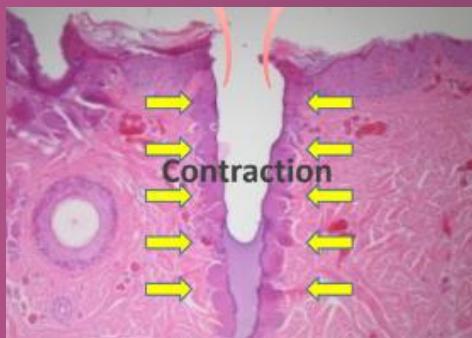
VAGINAL PROBES
(OPTIONAL)

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.



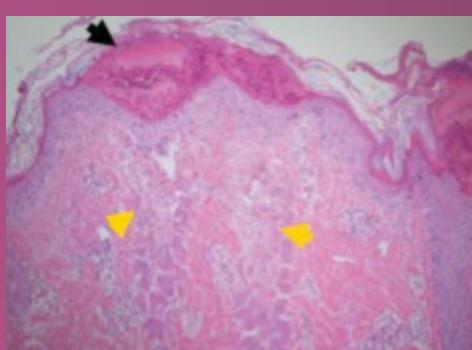
If we add even more energy, the tissue can turn into vapor. The heat also helps with wound healing. It makes the tissue around the treated area thicken and form a protective layer.



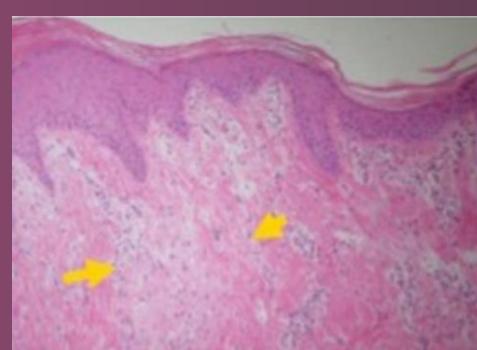
Micro-ablation columns created by the laser beams.



Rounded healthy tissue promotes rapid healing.

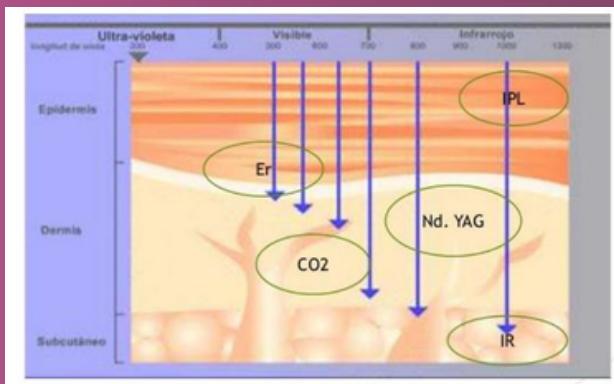


New collagen forms and the surface is restored.



Collagen remodeling continues up to 9 months.

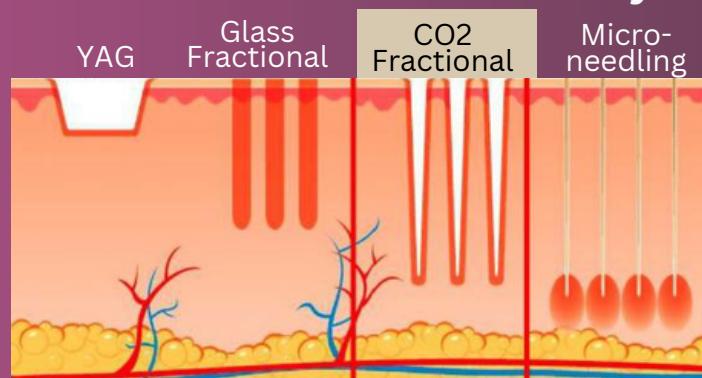
How PureLase Works



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

PureLase

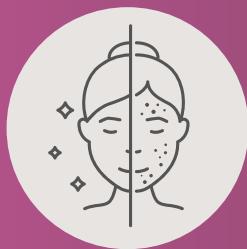
VS



Too small, not uniform
and too far apart

Small, uniform and
uniformly-spaced

PureLase Applications



skin resurfacing



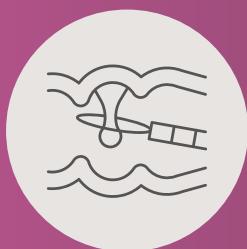
stretch marks removal



scar revision



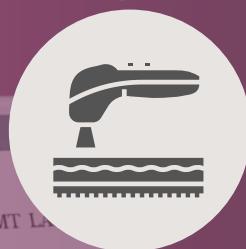
vaginal tightening



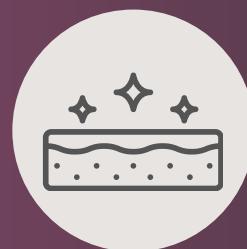
benign tumor removal



wart/mole removal



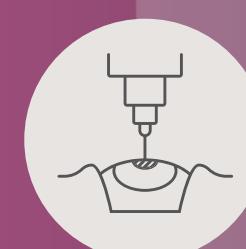
skin remodeling



skin rejuvenation



general surgery



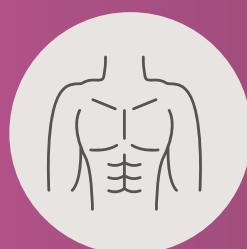
ophthalmology



neurosurgery



dental surgery



thoracic surgery



otolaryngology



podiatry & orthopedics



gynecology

PureLase

