

TECHNICAL DATA SHEET

YSML040-CF Ultra-pulse CO2 laser system

Featuring an excellent design, compact structure, elegant appearance, and reliable performance, this laser device is widely utilized in various fields such as gynecology, dermatology, cosmetology, surgery, and E.N.T. It serves purposes including cutting, vaporizing, cauterizing, and solidifying care.

Advantages:

CO2 laser produces higher power with relative efficiency, provide less tissue trauma and edema, which lead to minimal heat damage, much short time for healing

As ablation occurs, CO2 deep heating stimulates collagen growth and remodeling while offering the patient comfort level and convenience that approaches non-ablative resurfacing.

No matter normal handle for skin, or gynecology handle for vaginal use, fractional technology distribute the laser energy in an even pattern, which produces balanced vaporization, coagulation, and the thermal effects on the tissues. These effects cause collagen contraction, producing a tightening effect that is considered to be effective for the resurfacing.

The combination of surgical, ENT based on different handles, help the CO2 laser system extend more clinical applications.

Fractional System:

Pilot beam intensity adjustable

Char-free in Ultra pulse

LCD Display Screen

Memory Keeping Function

On time & off time Adjustable

Safety Protection

Less bleeding

Improved bacterial reduction

Less post-operative pain

Scar-free wound healing

Indications:

The CO2 laser can be used in Dermatology, Plastic Surgery, General surgery, ENT, Gynecology, etc.

With Fractional scanner equipped, the device can be used in Dermatology and Plastic Surgery.

Intended use:

The CO2 Laser is not invasive device and intended to be used for: Coagulation, vaporization, ablation or cutting of soft tissue. Equipped with fractional scanner, the

device is used for skin peeling:

- Atrophic acne scars (Herpes simplex scars, smallpox scars);
- Mild to moderate facial wrinkles and uneven pigment (brown age spots, freckles, melasma);
- For the treatment of sun damaged skin,
- Seborrhoeic keratosis and other benign skin growth, some superficial non-melanoma skin cancers and some vascular birthmarks (capillary vascular malformations).

Specifications:

Laser Type

Sealed-off CO2 laser tube

Wavelength

10.6µm

Mode Structure

TEM00

Power to Tissue

0.5 - 40W

Ultra pulse Duration (on-time)

10ms - 1000ms

Laser Operation Modes

CW, Press, Ultra press

Tissue Exposure Modes

Continuous, Single pulse, Repeat pulse

Aiming Beam

2mW (650nm diode) adjustable

Articulated Arm

7- joint Articulated Arm

Cooling

Closed Loop Liquid

Electrical power

110 / 220V 60 / 50Hz

Dimension

520mm*440mm*1470mm

Ceramic tip spot size

200um/400um/600um

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.