MedArt FRx Intenz CO_2

Fractional and Surgical Professional Laser System

Compact & Portable



MedArt

Danish Design and Manufacturing
Since 1979

MedArt FRx Intenz CO_2 is ergonomic, compact, portable and user friendly!

Optimal treatment for following indications and conditions:

- ✓ Skin Rejuvenation and Laxity
- ✓ Wrinkles and Skin Tightening
- ✓ Acne Scars/Atrophic Scars
- ✓ Scar Tissue Remodeling
- ✓ Seborrheic and Actinic Keratosis
- ✓ Photo Damage Skin
- ✓ Age Spots and Lentigines
- ✓ Melasma/Dyschromia
- ✓ Skin Benign Formations and Tumors
- ✓ Benign Moles and Birthmarks
- ✓ Warts
- ✓ Stretch Marks
- ✓ Gynecology Purpose/ Laser Vaginal Rejuvenation and Laxity (LVR)
- ✓ Standard ENT Applications

Before and after Clinical Cases














> “A full face treatment can be completed in less than 15 minutes with help of the scanner. That means an area of 30 cm^2 can be treated in just one minute.”

Key Advantages

Fractional and Full CO_2 Ablation:





- Versatile Surgical Platform
- From Light Peel to Full Ablation
- A Fully Surgical Blade with Exceptional Ablation/Coagulation Ratio
- Fast Treatment, Minimal Downtime
- Variable Treatment Parameters and Patterns
- Integrated 100% Ablative Scanning Mode
- Easily Transportable and Light Weighted
- No Consumables

MedArt FRx Intenz CO_2 – a highly versatile system for Fractional and full ablative treatments.

This superfast and highly effective fractional CO_2 laser, provides advanced fractional treatments with spot sizes down to 165 microns, achieving deep penetration whilst maximizing healing and minimizing social downtime.
The industry leading MedArt scanner with adjustable density and pattern can fit all the needs of individual patients, from light to aggressive treatments.

Minimum Downtime, Maximum Result

The unique MedArt scanning technology used with FRx Intenz makes it possible to achieve great results in the very focused and localised treatment areas with minimal surface ablation.

The combination of very small spot size down to 165 microns and pulse widths down to 0.5 millisecond enables the operator to limit epidermal damage to minimum destruction, whilst large amount of heat convey to deeper tissue layers inducing collagen and elastin formation.
The result is achieved with less visible downtime while maximizing the treatment efficacy.

MedArt Scanner Technology with Full Ablative Flexibility

The advanced MedArt scanner enables the user to individualize treatment by selecting density, pattern, and size of treatment area as well as exposure time which controls depth of penetration.

A full face treatment can be completed in less than 15 minutes with the help of MedArt scanner. That means an area of 30 cm^2 can be treated in just one minute.

The scanner distributes the energy in a uniform pattern of spots, leaving islands of untreated skin between each ablated spot, the surrounding untouched tissue facilitate tissue healing. The penetration depth ensures optimal collagen stimulation for skin tightening and tissue remodeling.

By adjusting the simple control on scanner the spot density can be adjusted to Low (16x16 spots), Medium (24x24 spots), High (32x32 spots) and a pulse width varied from 0.5 - 7 ms, and as well as pattern.
The MedArt scanner is not limited just to fractional modes; a special function for 100% ablative-scanning for traditional resurfacing is integrated switching between modes is quick and easy both from the laser panel or from the scanner.

The scanner is light weighted and ergonomic in design and a carefully balanced articulated arm makes it effortless to treat patients and avoid work fatigue.

This easy to use equipment makes treatments fast and safe without compromising the ability to individualize treatment options.

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Specifications
MedArt FRx Intenz CO_2

LASER TYPE	Continous Wave Carbon Dioxide (CO_2) Laser Class 4 (EEC 60825)
OUTPUT POWER RANGE	0.1-25 W in steps of 0.1 W
WAVELENGTH	10.600 nm
AIMING BEAM	Adjustable Laser Diode (635 mm),
MODE OF OPERATION	Continous or Pulsed Operation
FREQUENCY RANGE	0.3-100 Hz
PULSE WIDTH	4-990 msec
BEAM DELIVERY SYSTEM	Articulated Arm, 7 mirrors
ARM LENGTH	165 cm
HAND PIECE	Fixed Focus (165 micron), Adjustable Variospot (165-800 micron), Scanner
SPOT SIZE	165-800 micron
MAIN VOLTAGE	100-240 V, 50/60 Hz
SAFETY CLASS	Electrical Class I Type BF
SIZE	58x41x17 cm
WEIGHT	Approx. 21 kg including Articulated Arm
PRODUCT CODE	MedArt 620
CERTIFICATIONS	CE 0459/FDA
SCANNER SPECIFICATIONS:	
SCAN SIZE	15x15 or 6x6 mm
SCAN DENSITY	Low – Medium – Max
DWELL TIME	0,5, 1, 1.5, 2, 5, 7 msek
TREATMENT DISTANCE	48 mm
PRODUCT CODE	MedArt 459
CERTIFICATIONS	CE 0459/FDA

About us

MedArt A/S is a Danish company with an international profile developing, manufacturing, and selling world class medical laser for aesthetic dermatology and other medical purposes.

The company was founded in 1979 and the head office, R&D, manufacturing, and marketing department are all located in Copenhagen, Denmark.

We offer a broad range of medical lasers combined with the MedArt range of scanners and MedArt cooling systems for most dermatological indications.

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Check out our other products



MedArt VariMed™ 810nm Diode Laser

The unique compact System in combination with scanner and cooling system. For treatments of various vascular lesions, endovenous treatment as well as hair removal on all body areas.



MedArt SmartSculpt™ 980nm Diode Laser

The compact, table-top sized, safe, and accurate system for assisted lipolysis, hyperhydrosis, body contouring and sculpting.



MedArt FRx 10600nm CO_2 Laser

The well-proven CO_2 platform to offer advanced fractional treatments with the unique MedArt scanner distributing the energy with the adjusted pulse width and spot density. The scanner is connected to the laser by a unique flexible optical fiber.



MedArt ILVO™ 1470nm Diode Laser

The compact and advanced system to maximize the comfort, safe, fast and effectiveness of the varicose vein treatments. MedArt ILVO can also be supplied in 980nm wavelength in request of the clinics.

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