





MTone

Comprehensive
multi-application
platform
to treat a versatile
range of medical
aesthetic conditions

THE PLATFORM
THAT GROWS
WITH YOUR CLINIC
AND MEDICAL
PRACTICE



All In One

LASER AND PULSED LIGHT IN THE SAME PLATFORM

MTONE is an ALL IN ONE platform,
upgradable over time as needed,
available with High Power Laser
and IPL Handpieces.

SUB ZERO EFFECT: COLDEST COOLING ON THE MARKET

A unique MTONE's special integrated
contact cooling system, enables safe
treatments on dark phototypes and
tanned skin. The operator can choose
cooling at 0°C, -6°C, -12°C.

3 TREATMENT MODES AVAILABLE TO THE USER:

Guided mode - AUTOMATIC
Semi-guided mode - SEMI AUTOMATIC
Expert mode - MANUAL

REMOTE TECHNICAL ASSISTANCE

Secure remote assistance
with internet connection.
Diagnosis, update and troubleshooting
directly to the production site.



Ipl Laser Diode laser

SOURCE AND WAVELENGTH	HANDPIECE	INDICATIONS
HR 630	IPL	Partially definitive facial and body hair removal
HR 630 IN MOVING	IPL	Partially definitive facial and body hair removal
HR 580	IPL	Permanent hair removal and reduction, all skin types (I-VI) on the Fitzpatrick scale
SR 580	IPL	Treatment of benign Pigmented Lesions and skin lesions, including warts, scars, stretch marks
VLPL 530	IPL	Pigmented and vascular lesion treatment, all skin types (I-VI) on the Fitzpatrick Scale
VLPL 530 S.M.T.	IPL	Pigmented and Vascular Lesions Treatment, all skin types (I-VI) on the Fitzpatrick scale. Melasma, vascular / erythematous rosacea, hemangioma, PWS lesions, telangiectasias
AC 420	IPL	Acne vulgaris treatment - all skin types (I-VI) on the Fitzpatrick scale
DIODE 808	Laser	Partially definitive facial and body hair removal
DIODE 808/760/1064	Laser	Partially definitive facial and body hair removal
Erbium:YAG 2940	Laser	Use indicated for the following concerns: Face Rejuvenation Photo-aging Actinic keratoses Keloids Wart Fibroma pendulum Keratosis Hypertrophic - Atrophic Scars Acne scars
Nd:YAG 1064	Laser	Treatment of vascular lesions of the body and lower limbs, angiomas, rosacea, light and fine hair removal, Pseudofolliculitis Barbae Treatment (PFB), Face biostimulation, Scars with vascular component
Er:GLASS 1540	Laser	Stretch marks, acne scars, post-surgical or post-traumatic scars, photoaging marks (facial wrinkles, skin elastosis), enlarged pores
Nd:YAG QSWITCHED 1064+532	Laser	Pigmented and vascular lesion treatment, skin rejuvenation, dark tattoo treatment, carbon peel



For
All Skin
Type



Intense Pulsed Light with “APC” technology

APC - ADAPTIVE PULSE CONTROL is a technology of MT ONE, capable of providing energy homogeneously over the entire duration of the impulse.

Thus, energy peaks are avoided, which are particularly dangerous for the treatment of dark skin. APC has an impulse control of pulsed light for an automatic selection of the best treatment configuration.

APC operates in two ways, single or burst (pulse train), for better efficiency and safety. This function adjusts the correct sequence of pulses together with the energy needed for safe treatment.

APC - with different pulse and wavelength configurations, combined with the powerful contact cooling system and the pure sapphire wave guide, is able to perform comfortable and effective treatments for all skin types.



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VL-PL 530

Pulses of sub-millisecond duration for exceptional vascular/pigmented lesion treatments

SMT
Sub Millisecond Technology
(short pulse length starting from 0.5 msec)



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AC 420



*
VL-PL 530



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SR 580



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HR 580



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HR 630



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**HR 630
IN MOVING**

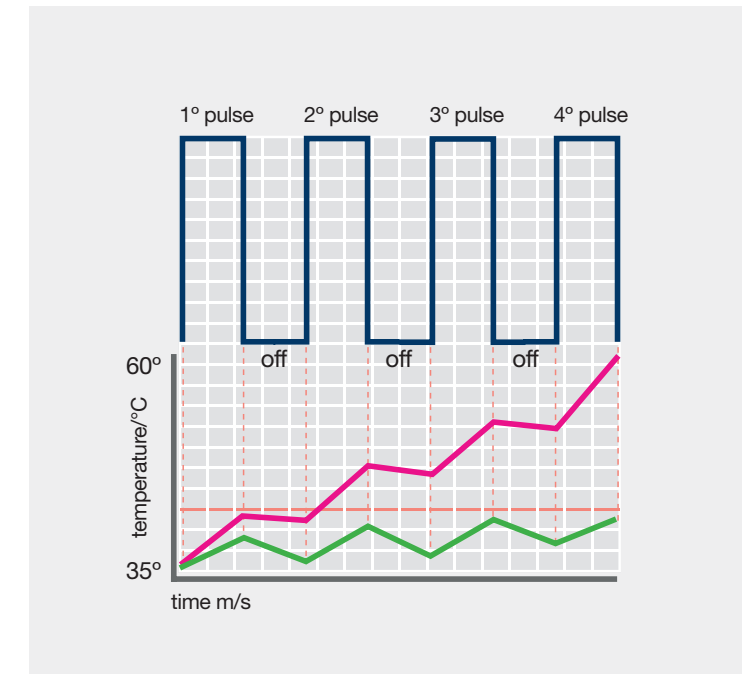
APC Extremely effective and safe

MTONE has several pulse and wave configurations, combined with the powerful contact skin cooling system and the wave guide in sapphire - SUB ZERO EFFECT - is able to perform comfortable and effective treatments for all skin types and conditions.

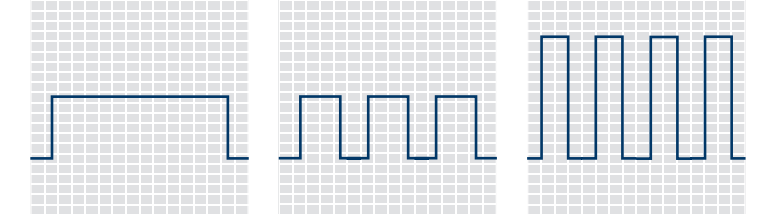
Peltier thermoelectric cooling, together with the precision of the sapphire optical filter and the exclusive APC (Adaptive Pulse Control) ensure safe treatments and optimal results.

The different handpieces with a wide range of wavelengths for each treatment, thanks to the SUB ZERO EFFECT, is able to maintain a very low skin temperature even during “IN MOVING” procedures.

IPL handpieces have three different pulse configurations for the emission of energy, in order to adapt perfectly to the needs of all difficult treatment conditions, such as thin hair or dark skin.



--- epidermis safety threshold
— hair injury temperature
— epidermis temperature
(Only with sapphire waveguide strongly cooled to -12 C°)



REGULAR PULSE
Ideal for dark skin, hair and skin damaged by exposure to the sun or through age and for dark, pigmented vascular lesions.

LONG ADAPTIVE PULSE
For intermediate skin types, brown hair of medium thickness, vascular/pigmented, average sized lesions.

HIGH ADAPTIVE PULSE
For fair skin, light and fine hair, small vascular lesions and benign, light, pigmented lesions.

HAIR REMOVAL “IN MOVING”
IT'S THE SOLUTION FOR HAIR REMOVAL AT ALL TIMES OF YEAR
The HR IN MOVING handpiece has the function of inhibiting the growth of hair and fuzz using very fast pulse sequences. This procedure is particularly suitable for treatments on dark and tanned skin. Usable in the summer period.



The laser technology of MTONE

ERGONOMIC HANDPIECES AND QUALITY COMPONENTS

These laser handpieces are designed for easy, precise and safe face and body application. The internal components of the handpieces are of the highest quality combined with a superior 'know how' conception to improve performance.

VERSATILE COMBINATIONS

With the MT-ONE platform, you can combine laser and IPL treatments to achieve optimal, customized results.



Erbium: YAG 2940 nm ablative and fractional

Skin rejuvenation (face, neck, neckline, hands), in light and dark phototypes, removal of benign dermoepidermal neoforations (seborrheic keratoses, lax fibroma, vulgar warts) and in acne, keloid, hypertrophic and atrophic scars.

- The MTONE Erbio handpiece has ABLATIVE and FRACTIONED modes on the same handpiece
- Pulse duration: non-thermal to thermal (400 microsec to 1.5 milliseconds)
- Energy delivery with different spot tips: 9 mm in fractionated mode, 3 different ablative tips (2 mm - 4 mm - 9 mm)



Nd: YAG 1064 nm LP

Telangiectasias, nevus rubi, cherry angioma, erythematous rosacea, telangiectatic rosacea, hair removal of light and fine hair, beard folliculitis, facial biostimulation, treatment of scars with a vascular component.

- Tips 3-6-9 mm
- Fluence 40 to 200 J/cm²
- Cooling from 0° to -12° C



Nd: YAG Q-Switched 1064 + 532 nm

Treatment of benign pigmented lesions, monochromatic and polychromatic tattoos, solar lentiginos of the face and hands, nevus of ota, onychomycosis, Carbon Peel. The Q-Switched 1064 laser, thanks to the short pulse duration, limits the damage selectively to the pigment, without producing ablative damage to the epidermal surface. Specifications:

- Laser source: Nd: YAG Q-Switched 1064 + 532 nm
- Pulse energy: 1700 mJ @ 1064 nm - 1200 mJ @ 532 nm
- Pulse repetition frequency: 1 ÷ 5Hz
- Pulse duration: 15 ns
- Tip with zoom from: 1 to 5 mm
- Fixed tip Ø7mm
- 532nm frequency duplicator



DIODE 808

Diode 808nm is the ideal laser for partially definitive hair reduction. This diode laser can be used during treatments in single-shot and fast "IN MOVING" modes.

- Painless
- The fastest on the market
- Head cooling down to -12 ° C
- High energy, 8 microchannel bars



Erbium: 1540 nm non-ablative fractionated GLASS

The fractional laser 1540 performs a rejuvenating treatment without the complications of ablative treatments. The fractionated handpiece emits microdots of light - microthermal zones (MTZ microthermal zone) - that penetrate deep into the skin. Fractional handpiece with two tips - 100 and 324 MTZ with sapphire in contact with the tissue which makes the treatment much more comfortable.

- Laser source: ErGLASS 1540 nm
- Pulse energy: 100 MTZ from 25 to 70 mJ 324 MTZ from 6 to 24 mJ
- Pulse repetition frequency: 1 ÷ 5Hz
- Pulse duration: from 10 to 15 ms



DIODE 808-760-1060 nm

The new diode handpiece combines the 3 laser wavelengths in a single applicator: it acts simultaneously at different depths and is able to target the different anatomical structures within the hair follicle.

- The absorption and penetration level of the different wavelengths is combined with a super-cooled handpiece: all these elements result in greater efficiency and safety, thus a safer and more efficient hair removal laser.
- Single shot and In Moving modes



Sub Zero Technology

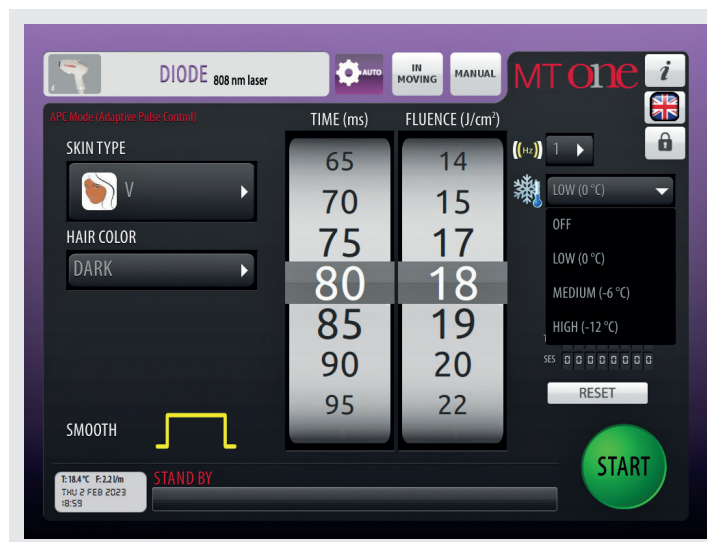
THE COLDEST COOLING ON THE MARKET

Guarantees safety, efficacy and non-pain.

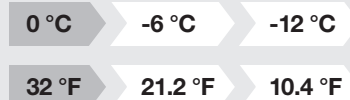
The cooling of the tip ranges at 0°C, -6°C, -12°C creates a SUB ZERO effect in the lower layer of the skin.

ADVANTAGE OF EXCLUSIVE TEMPERATURE CONTROL SUB ZERO

- Eliminates the risk of overdosage energy
- Increased energy output (most successful)
- Cancellation the sensitivity
- Patient compliance



SUB ZERO EFFECT

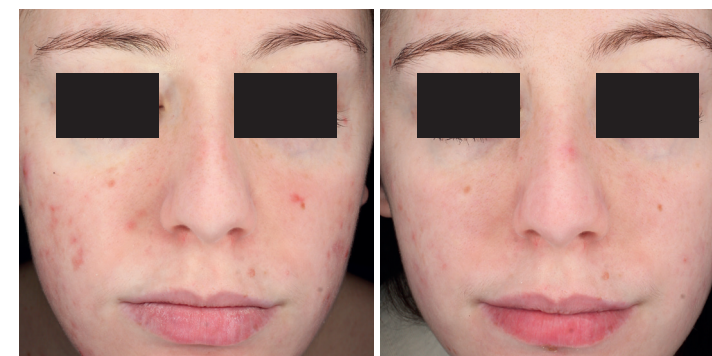


Before / After Results

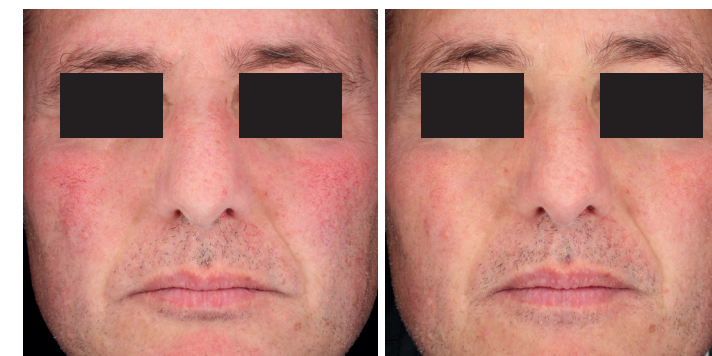


Before / After
Mixed melasma - Courtesy Dra. R. N. Encinas

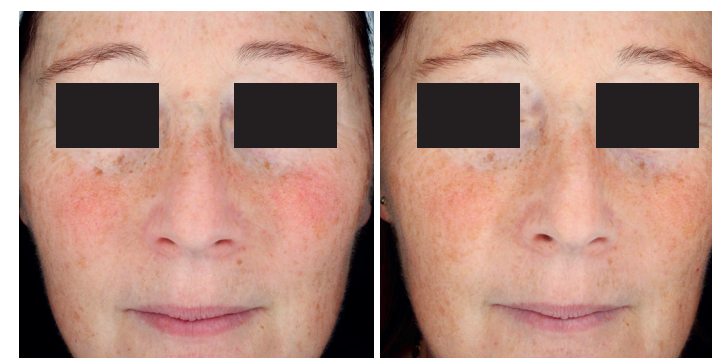
Before / After
Port Wine Stain - Courtesy Dr. R. Galvan



Before / After
Acne - Courtesy Dr. M. Auriemma



Before / After
Rosacea - Courtesy Dr. R. Galvan



Before / After
Rosacea - Courtesy Dr. M. Auriemma



Before / After
Angioma - Courtesy Dr. R. Galvan



IPL APC Technology

APPLICATION	HANDPIECE	FLUENCY J/cm ²	PULSE LENGTH (ms)	SPOT SIZE cm ²
Hair removal	HR 580	5-25	15-100	6,4
Hair removal	HR 630	5-25	15-100	6,4
Hair removal IN MOVING	in moving 630	5-8	6	6,4
Skin rejuvenation	SR 580	5-25	10-25	6,4
Vascular and pigmented lesions	VL-PL 530 VL-PL 530 S.M.T.	5-25 0.5-25	10-25 0.5-99	6,4
Melasma, Vascular/Erythematous Rosacea, Hemangioma, PWS Lesions, Telangiectasias	VL-PL 530 S.M.T.	0.5-25	0.5-99	6,4
Acne	AC 420	5-15	15-100	6,4

LASER Technology

APPLICATION	HANDPIECE	FLUENCY J/cm ²	PULSE LENGTH (ms)	SPOT SIZE cm ²
Skin rejuvenation	Er:YAG 2940	up to 95 J/cm ² on Ø 2mm spot	from 0.4 to 1,5	Ømm 2,4,9 ablative Ømm 9 microbeam
Hair removal	Diode 808	up to 90 J/cm ²	from 10 to 200	1.7 cm ²
Hair removal	Diode 808-760-1060	up to 77 J/cm ²	from 10 up to 200	1.7 cm ²
Vascular lesions Hair removal	Nd:YAG 1064	30-200 J/cm ²	from 10 to 100	3-6-9 mm
Tattoo removal and Vascular/Pigmented Lesions	Nd:YAG Q-Switch 1064/532	Energy up to 2000 mJ per 1064 nm 1600 mJ per 532 nm	15 ns	from 1 to 7 mm
Skin rejuvenation	Er:GLASS 1540	• 100 MTZ/cm ² 25 up to 70 mJ • 324 MTZ/cm ² 6 up to 24 mJ	from 10 to 15 ms	10 x 10 mm

Technical Specifications

Electrical Requirements	110-240V; 50/60 Hz; 1250 VA
Dimensions and weight	600 (W) x 580 (D) x 550 (H) mm ³ ; 59 Kg (platform) 600 (W) x 580 (D) x 1180 (H) mm ³ ; 88 Kg (platform and cart)
Interface	10,1" Colour Touch screen

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