Improve the Patient's Life, Simplify That of the Physician

Total Comfort with the New Cooling System

DEKA has incorporated the Contact Skin Cooling technology into all its handpieces. Indispensable for the patient's well-being, this cools the skin using a completely new method. Treatments are practically painless and minimally invasive, and recovery times are short with no risk of side effects. Total comfort for the patient, maximum safety for the physician..

A

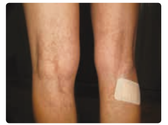
B

Nd:YAG Laser (Photos using polarized light).
Courtesy of Piero Campolmi, M.D., Giovanni Cannarozzo, M.D., Paolo Bonan, M.D.,Florence - Italy

A

B

Nd:YAG Laser.
Courtesy of Piero Campolmi, M.D., Giovanni Cannarozzo, M.D., Paolo Bonan, M.D.,Florence - Italy



A

B

FT Pulsed Light Handpiece (Photos using polarized light).
Courtesy of Piero Campolmi, M.D., Giovanni Cannarozzo, M.D., Paolo Bonan, M.D.,Florence - Italy

A

B

FT Pulsed Light Handpiece (Photos using polarized light).
Courtesy of Piero Campolmi, M.D., Giovanni Cannarozzo, M.D., Paolo Bonan, M.D.,Florence - Italy

Technical Data

Synchro FT	
Laser Type	Nd:YAG LP & SP
Wavelength	1064 nm
Energy per Pulse	50 J (max) in Standard mode – LP; 35 J (max) in High Peak mode - SP
Pulse Duration	From 0.8 to 12 ms in High Peak mode - SP From 2 to 35 ms in Standard mode - LP
Delay Between Pulses	From 10 to 125 ms
Number of Pulses	From 1 to 3
Repetition Rate	Single Pulse - up to 10 Hz
Spot Sizes	2.5 - 5 - 7 - 10 - 13 mm
Fluence	Up to 700 J/cm^2
Aiming Beam	Diode Laser, 3 mW @ 635 nm

FT Pulsed Light Handpieces	
Source	Xe Lamp
Spectrum of Emission	Multi applications HP: 500-680 nm & 850-1200 nm; 520-1200 nm; 550-1200 nm; 600-1200 nm; 650-1200 nm; 800-1200 nm. G-Light HP: 500-680 nm & 850-1200 nm. Hair Removal HP: 550-1200 nm.
Energy per Pulse	160 J (max.)
Pulse Duration	From 3 to 8 ms
Delay between Pulses	From 5 to 50 ms
Number of Pulses	From 1 to 3
Repetition Rate	2 s (min) @ Std Mode; 0.5 s @ SmP Mode
Treatment Area	Multi applications HP: 48x13 mm; 23x13 mm - Optional. G-Light HP : 15x13 mm. Hair Removal HP: 48x17 mm.
Fluence	Up to 25 J/cm^2
Integrated Skin Cooling	Contact Peltier system
Emission Control	Footswitch and Fingerswitch

CAUTION - Visible and invisible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.

General System Specification	
Skin Cooling	Integrated
Control Panel	Wide LCD Colour Touch Screen (10")
Emission Control	Footswitch and Fingerswitch
Database	Integrated
Electrical Requirements	230 Vac / 16 A (max.) / 50-60 Hz
Dimensions & Weight	100 cm (H), 50 cm (W), 83 cm (D), 65 Kg

This brochure is not intended for the market of USA.

Follow us on

www.dekalaser.com

CE 0123

SYNCHRO_FT

Dealer stamp

DEKA M.E.L.A. s.r.l.
Via Baldanzese,17 - 50041 Calenzano (FI) - Italy
Tel. +39 055 8874942 - Fax +39 055 8832884

DEKA Innate Ability
A spin-off of the E.L.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and USA. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.

© DEKA 003-01155-20-020 Rev. 1.1

DEKA M.E.L.A. s.r.l.- All rights reserved - In order to improve its products the company reserves the right to modify these specifications without prior notice. Document Reserved for Health Professionals Only.

INNATE ABILITY

SYNCHRO FT

Simple and Versatile Technology for a Wide Range of Tailor-Made Treatments for Aesthetic Medicine and Dermatology

- Vascular Treatments
- Hair Removal
- Benign Pigmented Lesions
- Non-Ablative Skin Rejuvenation
- Pseudofolliculitis Barbae (PFB)
- Acne

DEKA Innate Ability

Simple, versatile and effective work tool

Synchro FT

The Measure of a Great Technology is its Ease of Use

Combining Nd:YAG laser with the FT pulsed light, the versatile Synchro FT enables physicians to offer a complete range of dermatological and aesthetic treatments: hair removal on all phototypes, vascular and pigmented lesions, skin rejuvenation.

*"**Synchro FT**, with its Nd:YAG laser and FT handpieces, has significantly improved my work. I feel as though I've been working with these technologies for years. Ever since the first treatment, I've been using the protocol database with amazing results. Following just a few simple instructions, I can tailor each treatment to the patient's specific needs.*

The six interchangeable filters of the multi-application pulsed light handpiece are an extremely useful innovation. No more interruptions or wasted time: it takes only a moment to replace the filter to change application or adjust it to the patient's phototype.

Finally, two more handpieces are now available to expand Synchro FT offering and its versatility: one is specific for the treatment of superficial vascular lesions while the second is dedicated for epilation of wide body area."

.

Piero Campolmi, MD
Department of Dermatology
University of Florence, Italy

Synchro FT: a Perfect Synthesis of Technology and Simplicity

Synchro FT allows physicians to select the most effective wavelength, define the pulse shape, and set the most suitable spot size for every type of treatment. The segmentation of the pulse is an additional guarantee of safety. Guided by the database, the physician can choose to break down the single emission into as many as three pulses. This greatly reduces the risk of redness, thermal damage, and undesirable side effects on the patient's skin.
Tailor-made treatments and excellent results: Synchro FT successfully treats a variety of vascular and pigmented lesions on all face and body areas, on fair and dark phototypes, and on all skin types.

Ease of Use and Know-how at your Fingertips with the Protocol Database
The clinical protocols included in the database cover a comprehensive range of treatments. By following the treatment settings validated by dermatologists and researchers, the physician can select the correct pulse parameters. In this way, the database guides professionals in the simple and safe selection of the most effective protocol.

Synchro FT is the synthesis of DEKA's technological excellence: unique, known and appreciated the world over.

Synchro FT PLUS	
3	Different sources housed in a single platform: laser Nd:YAG Long Pulse & Nd:YAG Short Pulse; FT pulsed light.
5	Handpieces for the Nd:YAG laser source, with Top-Hat Spot Size technology and automatic recognition system.
3	FT available handpieces: • multi-applications handpiece with interchangeable filters; • vascular handpiece; • hair removal handpiece.
6	Interchangeable filters for the multi-applications FT pulsed light handpiece. It takes only a moment to adjust the emission to the specific application and the patient's phototype.
10"	New, larger LCD Colour Touch Screen.
9	Regulation levels for the contact skin cooling system incorporated in the system, for the laser handpieces.
11	Regulation levels for the contact skin cooling system incorporated in the system, for the FT pulsed light handpiece.
Over 300	Protocols dealing with dermatology and aesthetic surgery.

Innovation at the Service of Semplicity!

Power and Precision with DEKA Laser Equipment
Thanks to the Dual-Switch Technology DEKA offers physicians the chance to use two different energy emission modes: Standard or High Peak. Hair removal, treatment of vascular lesions, and non-ablative photorejuvenation: three applications in which Dual-Switch Technology is particularly useful and effective.
The Top-Hat Spot Size ensures a consistently even fluence over the entire spot area. There is never any risk of either overexposing the patient's skin or of not irradiating it sufficiently because the fluence is too weak.
In addition to the database aid, the Synchro FT software has two practical keys (Dual Choice Bar) that make possible to set the perfect shape of the pulse for vascular and hair removal treatments without having to use the database. After setting the initial parameters, the physician can optimise the pulse to suit the specific treatment.

simplicity effectiveness safety speed

Maximum Versatility with FT Handpieces

With the FT pulsed light technology the physician can select the most suitable wavelength for the type of application (hair removal, vascular and pigmented treatments, non-ablative photorejuvenation and tightening), or patient's phototype.

Now you can choose among 3 different FT handpieces:
- The multi-application handpiece with 6 interchangeable filters. By simply switching filters without changing handpiece, physician can select the suitable wavelength in just a few seconds;
- G-Light handpiece with a special filter and design optimised for the treatment of superficial vascular lesions;
- Big size hair removal handpiece dedicated for epilation of wide body areas.