



## Unwavering light. Graceful touch.

Today DEKA offers physicians the complete range of laser and light systems for minimally invasive applications in the medical and aesthetics fields.

DEKA's revolutionary Laser Technologies have been adopted worldwide.



The Code of Excellence





## Excellence in Laser Technology.

**From  
innovative  
ideas  
to tangible  
results**

DEKA has its roots in a culture that has made excellence of thought its dominant feature. An innovative corporate culture, coupled with remarkable scientific expertise, makes DEKA a world-class leader in the field of laser technology. Due to its invaluable cultural heritage and unique historical background DEKA encompasses into its vision a promise of universal value: to turn every scientific discovery into a concrete benefit for mankind.

**DEKA,  
The Code  
of Excellence**

Through its excellence represented symbolically by the number ten, "DEKA" in Ancient Greek, the Company expresses the enormous value of its brand, built-up over thirty years. Quality, innovation and technological excellence place DEKA and its products in a unique and consistent position in the global arena, leaving any other form of competition far behind. Today DEKA is the leading medical company of a large high-tech industrial group operating in the opto-electronic sector producing with its own technology and multidisciplinary laser source know-how, innovative laser systems for a plethora of different applications.

## Last Generation CO<sub>2</sub> Laser Systems for a Total Rejuvenation



### SmartXide<sup>2</sup>

**The Perfect Synergy of CO<sub>2</sub> Fractional Laser and RF for Multiple Applications.**

**Available Sources:**

- CO<sub>2</sub> laser
- Radiofrequency
- Diode laser

**Main Applications:**

- Fractional Skin Resurfacing (DOT/RF Therapy)
- Scars
- Sun and age spots
- Skin Surgery
- MonaLisa Touch®
- Surgery (ENT & Gynecology)
- Dentistry

SmartXide<sup>2</sup> is a multidisciplinary system that combines CO<sub>2</sub> laser with radiofrequency to combat skin alterations as never before.



### SmartXide Touch

**The Evolution of CO<sub>2</sub> Laser for Total Rejuvenation.**

**Available Sources:**

- CO<sub>2</sub> laser
- Radiofrequency

**Main Applications:**

- Fractional Skin Resurfacing (DOT/RF Therapy)
- Scars
- Sun and age spots
- Skin Surgery
- MonaLisa Touch®

SmartXide Touch is the new CO<sub>2</sub> laser specific for total rejuvenation treatments. It can be adopted effectively for both dermatological and V<sup>2</sup>LR applications (MonaLisa Touch®).



### SmartXide DOT

**Exclusive Fractional CO<sub>2</sub> Laser for Skin Rejuvenation.**

**Available Source:**

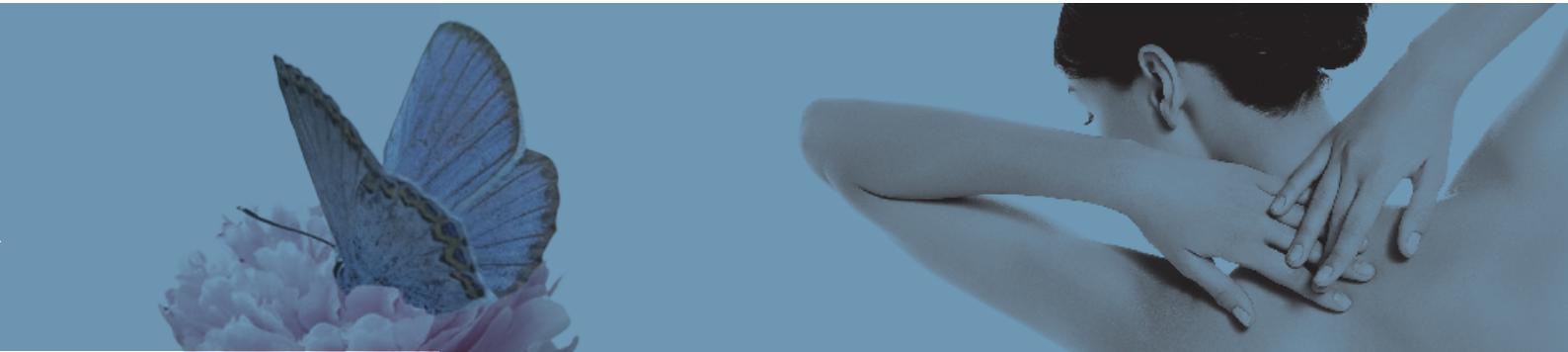
- CO<sub>2</sub> laser

**Main Applications:**

- Fractional skin resurfacing (DOT Therapy)
- Wrinkles
- Scars
- Sun and age spots
- Skin surgery

SmartXide DOT is a S-pulsed CO<sub>2</sub> laser utilizing two innovative technologies *SmartPulse* and *SmartStack* to reduce side effects like redness, and maintaining effective results.

*The above system pictures are not in scale*



## Excilite-μ

**A Complete System for Targeted and Selective Phototherapy.**

**Available Source:**

- MEL@308 nm (Monochromatic Excimer Light)

**Main Applications:**

- Vitiligo
- Psoriasis
- Atopic dermatitis
- Alopecia areata
- Mycosis fungoides

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**Excilite-μ** was the world's first XeCl portable lamp, and the most diffused being homologated worldwide.



## Synchro VasQ

**Setting the Gold Standard in Vascular Skin Treatment.**

**Available Sources:**

- Dye laser
- Dye lamp handpiece with *RightLight* technology

**Main Applications:**

- PWS
- Vascular lesions
- Pigmented spots
- Scars and stretch marks

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Thanks to the combination of dye laser and *RightLight* dye lamp **Synchro VasQ** can dose and dispense the appropriate energy even in the treatment of finer superficial lesions where there is less haemoglobin.



## Synchro QS4

**Maximum Results and Safety in Treating Multicolored Tattoos and Pigmented Lesions.**

**Available Sources:**

- Q-switched Nd:YAG laser
- Q-switched KTP laser
- Q-switched Yellow laser
- Q-switched Red laser

**Main Applications:**

- Multicolored tattoo removal
- Benign pigmented lesions

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Thanks to its four different wavelengths (1064 nm, 532 nm, 585 nm and 650 nm) the new **Synchro QS4** allows for safe and efficacious treatment of multicolored tattoos (not only **dark** and **red** but even **green** and **light blue**) and deep pigmented lesions.

## The Complete Range of Platforms for Hair Removal Specialists



### Motus AX

**The Untrodden Path in  
Hair Removal Treatments.**

**Available Source:**

- Alexandrite laser

**Main Applications:**

- Hair Removal
- Pigmented Lesions

**Motus AX** is a fast, reliable, safe and painless hair removal system for all skin and hair types. Thanks to the new proprietary MOVEO handpiece, Motus AX represents a new concept in hair removal.



### Synchro REPLA:Y

**The First Alexandrite  
Laser Working at 3 Hz.**

**Available Sources:**

- Alexandrite laser
- Nd:YAG laser
- FT pulsed light

**Main Applications:**

- Hair Removal
- Teleangectasias
- Sun & age spots

**Synchro REPLA:Y** is especially designed for reaching the right range of energies and frequencies for the most effective and fastest hair removal treatment.

*The above  
system pictures  
are not in scale*



## Smartlipo®

**Pulse and Wavelength:  
Perfect Synergy for  
Laserlipolysis.**

**Available Source:**

- Nd:YAG gradient pulse

**Main Applications:**

- Laserlipolysis
- Laser-assisted liposuction
- Axillary hyperhidrosis and osmidrosis
- Pseudogynecomastia

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DEKA is the first world's company to have invented in 1999 an innovative method for removing localised fat deposits: *Laserlipolysis*.



## Synchro FT

**The Widest Range  
of Customized Treatments  
on the Market.**

**Available Sources:**

- Nd:YAG long & short pulsed laser
- FT pulsed light handpiece

**Main Applications:**

- Facial and leg telangiectasia
- Hair removal for all skin types
- Benign pigmented lesions

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**Synchro FT** is the basic version of DEKA products combining a Nd:YAG long & short pulse laser with the useful FT pulsed light handpiece.

# MEDICAL SPA by DEKA

## Advanced Solution for Skin Health and Beauty



by DEKA



### D-GLOW

**Total Skin Care Revolution.**

**Available Sources:**

- MBC
- Ultrasounds

**Main Applications:**

- Wrinkle reduction
- Skin relaxation
- Sebum-normalisation
- Dilated pores
- Deep face cleansing

**D-Glow** is the innovative platform which combines microbiological currents (MBC) and ultrasounds (US), a synergy for total care of the face and most delicate areas.



### Minisilk FT

**DEKA Pulsed Light: Light, Compact, Extremely Versatile.**

**Available Source:**

- FT pulsed light

**Main Applications:**

- Hair removal
- Vascular and pigmentary photorejuvenation

**Minisilk FT** is a unique system using a single lamp with 6 different filters and a cooled contact sapphire. **Minisilk FT** is an extremely compact and lightweight device, amazingly effective for hair removal and photorejuvenation.



### TriActive+

**DEKA Body Shaping: Body Harmony Becomes Science.**

**Available Sources:**

- Diode laser
- Ultrasounds
- Radiofrequency
- Vacuum massage
- Cooling

**Main Applications:**

- Cellulite & fluid retention
- Local fat deposits
- Skin tightening

The **TriActive+**: a non-invasive technology that eradicates the visible signs of aging from the first treatment, without side effects or invasive methods.

*The above system pictures are not in scale*





**Legend**



Gold Standard



Very Good



Good



Possible

DEKA Systems	Sources - Wavelengths				
		Anti-Aging & Wrinkles	Benign Pigmented Lesions	Body Shaping & Cellulite	Hair Removal
Excilite μ	UV - 308 nm				
Mouts AX	Alexandrite - 755 nm		••		••••
Smartlipo	Nd:YAG Gradient Pulse - 1064 nm			••••	
SmartXide <sup>2</sup>	CO <sub>2</sub> - 10600 nm	••••	••••		
	Radiofrequency				
	Diode CW/PW - 940/980 nm				
SmartXide DOT	CO <sub>2</sub> - 10600 nm	••••	••••		
SmartXide Touch	CO <sub>2</sub> - 10600 nm	••••	••••		
	Radiofrequency				
Synchro FT	Nd:YAG Short Pulse - 1064 nm	••	••••		••••
	Nd:YAG Long Pulse - 1064 nm				
	Pulsed Light				
Synchro QS4	Nd:YAG QS - 1064 nm		••••		
	Green Nd:YAG QS -532 nm				
	Yellow QS - 585 nm				
	Red QS - 650 nm				
Synchro REPLA:Y	Nd:YAG Short Pulse - 1064 nm	••	••••		••••
	Nd:YAG Long Pulse - 1064 nm				
	Alexandrite - 755 nm				
	Pulsed Light				
Synchro VasQ	Dye - 595 nm	••	••		
	Dye Lamp				
D-GLOW	Microbiological Current (MBC)	••			
	Ultrasounds				
Minisilk FT	Pulsed Light	••	••••		••••
Triactive+	Diode CW - 808 nm	••		••••	
	Radiofrequency				
	Ultrasounds				



Medicine & Aesthetics							V <sup>2</sup> LR	Surgery	Dentistry
Onychomycosis	Psoriasis & Vitiligo	Scars	Skin Surgery	Skin Tightening	Tattoo Removal	Vascular Lesions	Vulvo Vaginal Laser Reshaping (MonaLisa Touch <sup>®</sup> )	ENT & Gynaecology	Multi-Specialty
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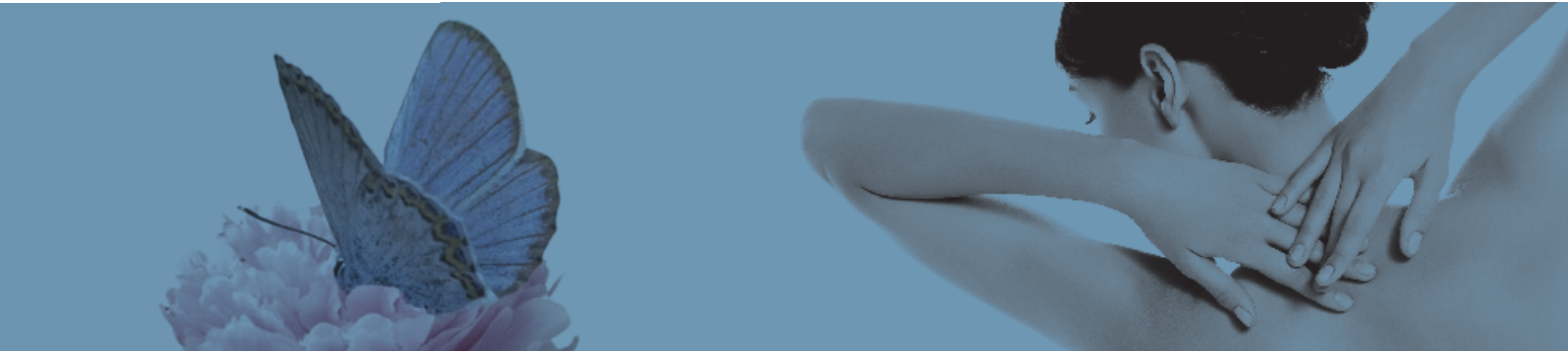
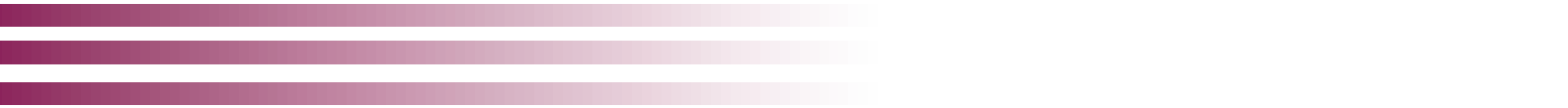
*"A science is not completely known  
until one knows its history".*

Auguste Comte

## The History of a Great Italian Company.

DEKA's history is a journey through three decades of research and testing, a reference point for scholars and researchers alike. DEKA was born as spin-off of the EI.En. Group, founded in 1981. The early '80s are featured by the production of CO<sub>2</sub> laser systems for dermatology, surgery and therapy. In the 90's DEKA developed Nd:YAG laser systems for dentistry and minimally invasive treatments in the oncological field. In the same years published first studies on laser therapy which gave rise to the High Intensity Laser Therapy (**HILT**) patented invention.

- 1998** Worldwide launch of the first **long pulse Nd:YAG** laser system for hair removal and vascular treatments.
- 1999** Patenting of the **Smartlipo** system for *Laserlipolysis*.
- 2001** Introduction of the first pulsed light system with patented **UPL technology**. Presentation of the **Smartbleach**<sup>®</sup> teeth whitening system.
- 2002** Launch of the first **MEL@308 nm** source with the patented **Excilite** system.
- 2004** Development of the first fractioned CO<sub>2</sub> **SmartXide** system for **DOT Therapy** and *Madonna Lift* treatment.
- 2009** Presentation of the new **TriActive+** system and developing of **V<sup>2</sup>LR** (Vulvo-Vaginal Laser Reshaping).
- 2010** Launch of the first combined CO<sub>2</sub> laser and Radiofrequency: *DOT Therapy* evolves into **DOT/RF**.
- 2011** Presentation of the new powered **Synchro REPLA:Y** with Alexandrite and Nd:YAG lasers. The only platform with a fractioned emission of the pulse also for the Alexandrite laser.
- 2012** Thanks to its patent pending **HiScan V<sup>2</sup>LR** DEKA launches the **MonaLisa Touch**<sup>®</sup> treatment.
- 2013** Presentation of the new members of the Synchro's family: the **Synchro VasQ** laser combining an excellent Dye laser and an innovative Dye Lamp with the exclusive RightLight Technology and **Synchro QS4** - the new Q-switched laser for an effective multicolored tattoo removal and pigmented lesions treatment.
- 2014** Development of the new **Smartxide Touch** system for dermatological and V<sup>2</sup>LR treatments.
- 2015** Design and production of the proprietary **Möveō** handpiece: a new concept in hair removal treatment.



## The Full Range for Medical Applications.

**Systems  
and  
solutions  
for a  
multitude  
of medical  
sectors.**

### **Medicine and Aesthetics**

Acclaim on international markets makes DEKA an undisputed leader in this field. A reference point for the international medical-cosmetic community, DEKA is a source of constant innovation, such as the invention of the **long-pulsed Nd:YAG laser**, the **Laserlipolysis**, or the **DOT Therapy**, now among the most widely used systems and techniques in dermatology.

### **Surgery**

Scientific know-how and technological evolution make DEKA one of the most reliable companies for surgical applications.

### **V<sup>2</sup>LR (Vulvo-Vaginal Laser Reshaping)**

DEKA introduces a new method for treating the female uro-genital apparatus: besides improving the aesthetical aspect, the new treatment **MonaLisa Touch<sup>®</sup>** allows for restoring the trophic conditions of the vulvo-vaginal region. **MonaLisa Touch<sup>®</sup>** is the first laser-assisted procedure to effectively solve vulvo-vaginal atrophy disorders.

### **Dentistry**

DEKA is the only company in the world that manufactures a complete range of laser devices for dental and oral surgery: CO<sub>2</sub>, Nd:YAG, KTP, Er:YAG, and diode.

### **Laser Therapy**

DEKA has been a pioneer in research on laser-tissue interaction, the first to obtain amazing results such as the induction of reparative processes in tissues previously considered difficult to repair.

Unwavering light. Graceful touch.

## DEKA Worldwide.

**From local  
excellence  
to international  
success**

The Florence headquarters are the nerve centre of a large global network. DEKA produces, distributes and markets laser systems in more than 80 countries worldwide: a truly international, multicultural community. DEKA's branches in France, Japan and USA are instead a direct support for physicians and business partners in the most strategic markets.

**DEKA's global  
and local  
dimensions**

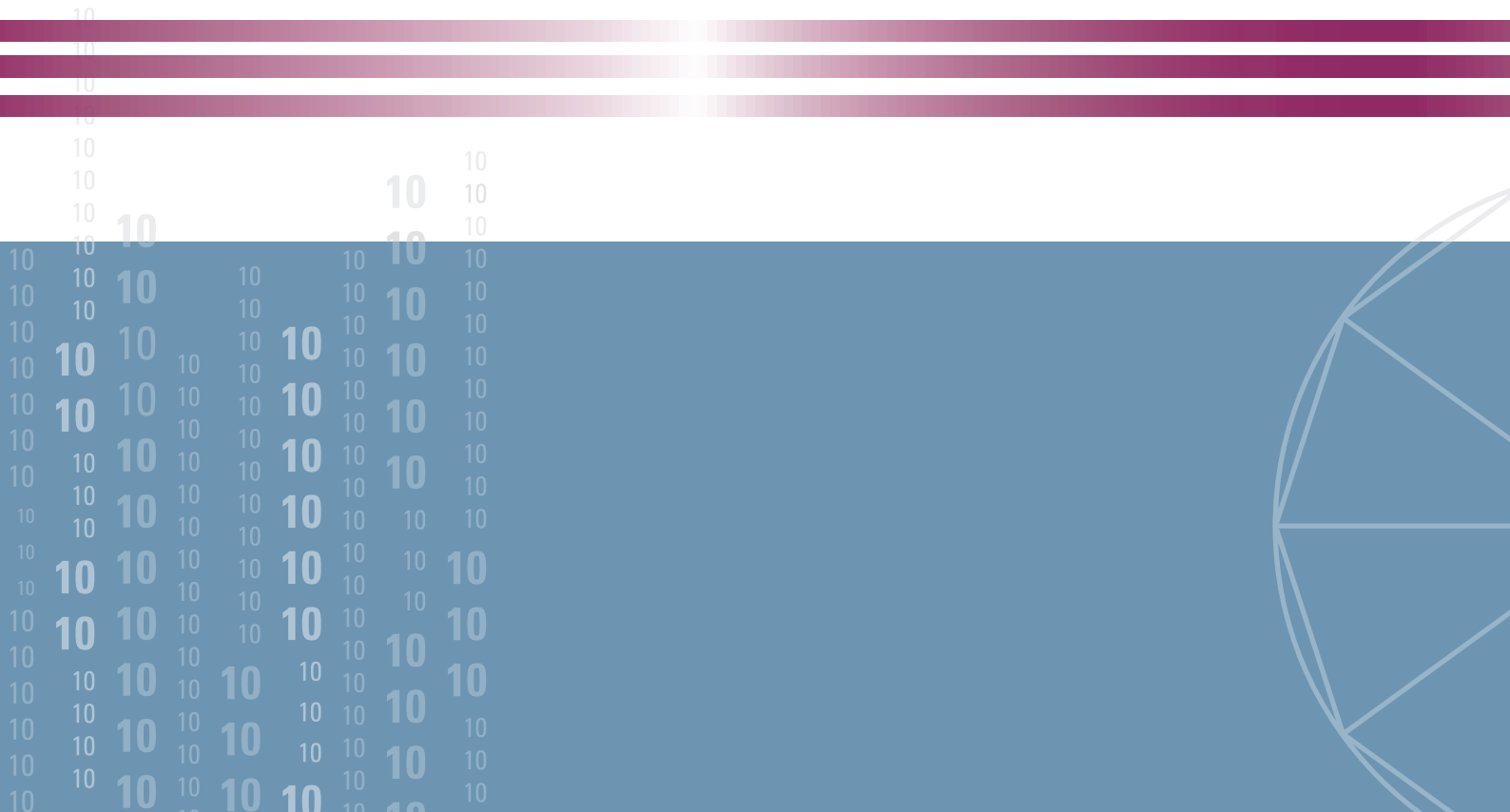
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