



**IA**  
INNATE ABILITY

## **LUXEA**

**The All-in-One Solution for  
Limitless Possibilities**

- Hair Removal
- Anti-Aging & Wrinkles
- Benign Pigmented Lesions
- Vascular Lesions
- Acne
- Cellulite
- Tattoo Removal
- Dermatologic Surgery
- Onychomycosis
- Meibomian Gland Dysfunction

**DEKA**  
Innate Ability

A full range of wavelengths at the physician's fingertips



Luxea



## A new light shines in the field of dermatology and aesthetic medicine.

DEKA introduces its latest multifunctional platform: Luxea! This complete, modular, upgradable and continuously expandable system comprises 10 pulsed light and laser handpieces offering a wide range of skin and beauty treatments.

“ Luxea is the ideal solution for clinics seeking to grow by gradually expanding their patient offering. An initial investment in latest-generation pulsed light handpieces, for example, provides a cutting-edge device capable of ensuring effective hair removal, treatment of vascular and pigmented skin lesions, and photorejuvenation. At any time, you can then add increasingly specialised handpieces, such as those targeting acne or wrinkles, or extend the range of treatments offered with new handpieces for removing tattoos or treating cellulite. Moreover, the combination of multiple technologies on a single patient often achieves the best results, to the satisfaction of everyone involved. ”

Paolo Bonan, M.D.  
Head of Laser Dermatology & Plastic Surgery Unit  
Villa Donatello Clinic – Florence, Italy



## Luxea Revolution. What your Patients Want!

Technological innovation and long-standing experience result in a simple yet smart solution that offers endless possibilities. A wide range of safe and effective treatments, enclosed in a single system. A small initial investment that can be progressively expanded, through the modularity of Luxea, to respond quickly and effectively to new patient needs. The safety of DEKA, a reliable brand with over 30 years of experience in the field of laser skin care. A simple platform featuring user-friendly software, a database that guides the operator's choice of protocol, and Plug & Play handpieces.

All of this is the new Luxea revolution!



versatility



effectiveness



cost-effective



design



### Luxea's PLUS

<b>All-In-One Solution</b>	A single, reliable platform that offers you limitless treatment possibilities in the field of aesthetic medicine and dermatology.
<b>10</b>	The number of Luxea handpieces available. A modular system with 4 pulsed light handpieces, 5 laser handpieces and 1 radiofrequency handpiece, all with Plug & Play connection, to respond promptly and effectively to patients' needs.
<b>Over 18000</b>	The number of protocols available for dermatology and aesthetic medicine.
<b>Tele-service</b>	Luxea is equipped with a remote maintenance system based on a safe certified server infrastructure and a tailored connection software. This allow a rapid telediagnosis besides an easy and quick update of the software.
<b>Simple &amp; User Friendly</b>	DEKA's R&D team has given Luxea an ergonomic, attractive design featuring a compact structure with clean, modern lines. The simple, user-friendly software comes with a tutorial protocol to help operators perform the treatments properly, right from the start.
<b>Superior Benefits</b>	A rapid return on investment (ROI) and total patient satisfaction will increase your business!



## Pulsed Light Handpieces. The Heart of Luxea

Drawing on its long-standing experience in this field, DEKA has developed a new generation of pulsed light handpieces, which differ as much in appearance as in substance, their strengths including:

- Greater power, for quicker, more effective treatment;
- Enhanced and optimised cooling, for greater safety and improved patient comfort;
- Lightness and improved ergonomics, for greater operator comfort.

A new family of FT handpieces catering to every need! The Lilac handpiece alone responds to most patient needs (single handpiece with interchangeable filters). The Viridis, Ruber and Lazur handpieces, instead, were developed specifically to target superficial vascular lesions, for hair removal in large areas, and to treat acne.





## Innovation and Technology at the Service of Doctors and Patients Alike

### Laser Handpieces. Small Size, Big Performance.

DEKA's engineering research has made it possible to miniaturise laser sources while ensuring high-performing treatment of vascular and pigmented skin lesions, ablative and non-ablative skin rejuvenation, tattoo removal, "in-motion" hair removal, and much more besides. Easy to handle and light in weight, the Luxea laser handpieces facilitate operation and reduce fatigue. The Sparks, Insight and Vivid handpieces with built-in cooling offer greater treatment safety and comfort, whilst guaranteeing excellent results. These handpieces make Luxea an all-in-one modular system, ensuring limitless possibilities of use!











### RF Handpiece. Cellulite & Rejuvenation of Aged Skin.

The Setis handpiece alone comes with 5 different interchangeable tips with a built-in temperature sensor. This optimised system adapts to every patient's needs, treating the unsightly effects of cellulite and sagging skin.



## Cross-Reference Table: Luxea's Handpieces Main Applications

Handpieces Applications	 Hair Removal	 Anti-Aging & Wrinkles	 Benign Pigmented Lesions	 Vascular Lesions	 Acne	 Cellulite	 Tattoo Removal	 Other Applications
<b>LILAC</b> 500-1200nm (band pass) 500-1200nm 550-1200nm 650-1200nm 800-1200nm	...	..	..	..	.			.
<b>VIRIDIS</b> 500-1200nm (band pass)				...				
<b>RUBER</b> 500-1200nm	...		.					
<b>LAZUR</b> 400-1200nm					...			
<b>SPARKS</b> 1064nm	.	.		...				..
<b>INSIGHT</b> 1340nm		..			..			
<b>PRISMA</b> 532nm/1064nm			...			...		
<b>ERISE</b> 2940nm		...	..					.
<b>VIVID</b> 810nm	...				.			
<b>SETIS</b> 1MHz		..				...		





## Luxea Treatments: Effective, Safe, Comfortable



Leg telangiectasias treated with Sparks Nd:YAG LP laser handpiece.  
Courtesy of Prof. G. Cannarozzo M.D - University of Rome Tor Vergata, Rome, Italy.



Active acne treated with Lazur PL handpiece. Photos taken using QUANTIFICARE 3D software.  
Courtesy of D. Piccolo M.D - Avezzano (AQ), Italy



Acne scars treated with Insight Nd:YAP laser handpiece.  
Courtesy of M. Sannino M.D - Naples, Italy.



Age spots treated with Lilac PL handpiece.  
Courtesy of Prof. G. Cannarozzo M.D - University of Rome Tor Vergata, Rome, Italy.



Rosacea treated with Viridis PL handpiece.  
Courtesy of P. Campolmi M.D - Florence, Italy.



Keratosis treated with Erise Er:YAG laser handpiece.  
Courtesy of Prof. G. Cannarozzo M.D - University of Rome Tor Vergata, Rome, Italy.

## Technical Data

LUXEA General Specifications	
Source	Modular and upgradable lasers and pulsed light platform
FT Handpieces	6.2 cm <sup>2</sup> – 500/500G/550/650/SA (Standard multi-applications) 2.1 cm <sup>2</sup> – integrated filter 500G (Vascular) 8.3 cm <sup>2</sup> – integrated filter 550 (HR) 6.2 cm <sup>2</sup> – integrated filter 400 (Acne)
Laser Handpieces	LP Nd:YAG - 1064 nm – 51 J – spot 2.5 mm / 4 mm / 6 mm / 10 mm Nd:YAP - 1340 nm – 7 J – 400 DOT/cm <sup>2</sup> QS Nd:YAG - 532/1064 nm – 6+6 ns Diode - 810 nm – 10x12 mm Er:YAG - 2940 nm – spot 2 mm / 4 mm / 9 mm / 9 mm fractional – 40 DOT/ cm <sup>2</sup>
RF Handpiece	1 MHz - Hexapolar (3-50 W); Large (3-50 W); Medium (3-35 W); Small (3-20 W); Very Small (3-5 W)
Graphical User Interface (GUI)	10.4" Colour Display Touch Screen
Data Base	Integrated tutorial with more than 18,000 treatment protocols
Emission Control	Fingerswitch or footswitch
Dimensions	40 (W) cm x 110 (H) cm x 77 (D) cm with metal pole and with handpiece holders
Weight	85 kg
Electrical Requirements	100-240 Vac; 50-60 Hz; 2300 VA



This brochure is not intended for the market of USA.

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### DEKA Innate Ability

A spin-off of the El.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.

Dealer stamp