



**IA**  
INNATE ABILITY



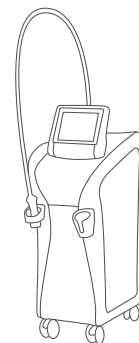
THE  
AESTHETIC  
AWARDS  
2019 WINNER

LUXEA

## What about a Modular System?

Discover your **X-Factor** in Dermatology

Luxea stands out in **Aesthetics** and **Dermatology**



**DEKA**  
Innate Ability

**DEKA**  
Innate Ability

# LUXEA Platform Quick Wins:

Vascular Lesions | Anti-Ageing & Wrinkles  
Acne | Tattoo Removal | Hair Removal |  
Benign Pigmented Lesions | Cellulite |  
Dermatologic Surgery | Onychomycosis |  
Skin Imperfections | Skin Tightening |

## 1 Solution, Limitless Possibilities

Technological innovation and long-standing experience result in a smart expandable modular system that combines new generation **intense pulsed light, laser and RF** for a broad range of aesthetic and dermatological applications, all enclosed in a single system.

## Why Choosing LUXEA

### All-In-One Solution

A single, modular workstation that expands with your clinic: 8 different technologies, 12 handpieces, more than 18000 available protocols, limitless possibilities.

### Remote Diagnostics

For immediate remote diagnostics and quick software updates.

### Upgradable System

A small initial investment that can be progressively expanded, to respond quickly and effectively to new patient needs.



THE SCIENCE BEHIND

## Small with Big Performance

This **complete, modular, upgradable** and continuously expandable system comprises **12 between FT pulsed light, RF and laser handpieces** available - all with a Plug & Play connection - for a wide range of skin and beauty treatments.

### 5 Pulsed Light Handpieces

**Lilac, Viridis, Lazur, Ruber, Genus AX:** latest-generation IPL handpieces optimising cooling, ergonomic, efficiency and comfort for practitioner and patients.

### 1 RF Handpiece with 5 Tips

**Setis** radiofrequency handpiece is conceived to treat cellulite and sagging skin. It comes with 5 different interchangeable tips (for every patient's needs) and a built-in temperature sensor.

### 6 Laser Handpieces

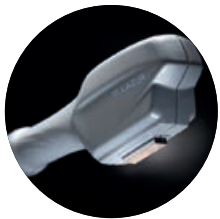
**Sparks, Flash, Insight, Prisma, Vivid, Erise:** all miniaturised laser sources ensure high-performing treatments in a wide range of applications. All are easy to handle and light in weight.



**ERGONOMY FIRST!**

**LUXEA**

is the ideal solution  
for clinics seeking to grow  
by gradually expanding  
their patient  
offering.



**Pulsed Light  
Handpieces**



**RF  
Handpiece**



**Laser  
Handpieces**

THE SCIENCE BEHIND

## Ergonomic Handpieces



### Laser Sources

#### VIVID

**Indications:** Permanent Hair Removal

**Source:** 810 nm Diode Laser

#### S P R K S

**Indications:** Vascular Lesions: Face or Legs Telengectasia, Spider Nevi, Cherry Angioma, Venous Lake | Permanent Hair Removal | Skin Rejuvenation

**Source:** 1064 nm Nd:YAG Laser

#### PRISMA

**Indications:** Bening Hyperpigmenten Lesions | Tattoo Removal

**Source:** 1064 nm 532+1064 nm Qs Nd:YAG Laser

#### F L S H

**Indications:** Vascular Lesions | Rosacea | Pigmented Lesions

**Source:** 532 nm Laser

#### ERISE

**Indications:** Bening Cutaneous Lesions, such us Seborroic Keratosis, Fibropapillomas, Milia, Xantelasma | Viral Lesions, such as Flat Warts, Condylomas | Fractional Skin Resurfacing

**Source:** 2940 nm Er:YAG Laser

#### !NS!GHT

**Indications:** Acne Scars | Non Ablative Photorejuvenation

**Source:** 1340 nm Nd:YAP Laser

# Clinical Results

## Your X-Factor in Dermatology.

Luxea Treatments: Effective, Safe, Comfortable.



### Sparks

Courtesy of Prof. G. Cannarozzo M.D.  
*University of Rome Tor Vergata,  
Rome, Italy*



### Prisma

Courtesy of Prof. G. Cannarozzo M.D.  
*University of Rome Tor Vergata,  
Rome, Italy*



### Insight

Courtesy of M. Sannino M.D.  
*Naple, Italy.*



## FT Pulsed Light



### = GENUS AX

**Indications:** Permanent Hair Removal

**Source:** Opt. 755 nm Xe Lamp



### = VIRIDIS

**Indications:** Vascular Lesions

**Source:** 500-677 & 854-1200 nm Xe Lamp



### = RUBER

**Indications:** Permanent Hair Removal

**Source:** 500-1200 nm Xe Lamp



### = LILAC

**Indications:** Benign Hyperpigmented Lesions | Photoaging  
Vascular Lesions | Permanent Hair Removal

**Source:** 500-677 & 854-1200 nm, 500-1200 nm, 550-1200 nm,  
650-1200 nm, 800-1200 nm Xe Lamp



### = LAZUR

**Indications:** Active Acne | Papulo-Pustular Rosacea

**Source:** 400-1200 nm Xe Lamp



## Radiofrequency



### SETIS

**Indications:** Rejuvenation of Photo Aged Skin | Skin Laxity  
Face and Body Fibrosclerotic Edematous Panniculitis (Cellulite)

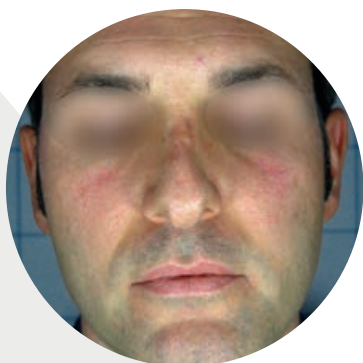
**Source:** Multipolar RF with 5 interchangeable tips



# Clinical Results

## Your X-Factor in Dermatology.

Luxea Treatments: Effective, Safe, Comfortable.



### Viridis

Courtesy of M. Sannino M.D.  
*Naple, Italy.*



### Lilac

Courtesy of Prof. G. Cannarozzo M.D.  
*University of Rome Tor Vergata,  
Rome, Italy*











### Lazur

Courtesy of D. Piccolo M.D.  
*Avezzano (AQ), Italy*  
Photos taken using  
"Quantificare 3D software"

THE SCIENCE BEHIND

## Ergonomic Handpieces

Applications Handpieces	 Hair Removal	 Anti-Aging & Wrinkles	 Benign Pigmented Lesions
<b>LILAC</b> 500-677 & 854-1200 nm, 500-1200 nm, 550-1200 nm 650-1200 nm, 800-1200 nm	•••	••	••
<b>VIRIDIS</b> 500-677 & 854-1200 nm			
<b>GENUS AX</b> optimized at 755 nm	•••		
<b>RUBER</b> 550-1200 nm	•••		
<b>LAZUR</b> 400-1200 nm			
<b>SETIS</b> RF		••	
<b>SPARKS</b> 1064 nm	•	•	
<b>FLASH</b> 532 nm			••
<b>INSIGHT</b> 1340 nm		••	
<b>PRISMA</b> 532 nm/1064 nm			•••
<b>ERISE</b> 2940 nm		•••	••
<b>VIVID</b> 810 nm	•••		

 Vascular Lesions	 Acne	 Cellulite	 Tattoo Removal	 Other Applications
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## A Quick Look



### **MULTIFUNCTIONAL APPROACH**



### Telediagnosis system for **REMOTE TECHNICAL CHECK**



### **CUSTOMISABLE SYSTEM**



### **UPGRADEABLE MODULES**

Usually to effectively treat a blemish you need multiple laser sources, with greater commitment of space and costs: for this reason we have created Luxea, that represents an **excellent compromise** between **efficiency** and **costs**.



## The Floor to Practitioners

“ I can only speak enthusiastically about Luxea, it's a reliable system and the feature that definitely makes it different from all the others is its versatility: the vast choice of sources and handpieces allows to assure numerous treatment solutions to our patients.

Also, for a young dermatologist to have the possibility to start with some of the typically most used sources and then subsequently be able to integrate them with others, is something that I think only Luxea can offer.

During the last year I have treated several cases and numerous pathologies with excellent results. Nowadays patients have more than one request and with Luxea we are able to take care of our patients at 360 ° and the advantage is that we can do it all with the same machine!

**Dr. Diletta Bonciani, MD, Dermatologist**  
*Florence, Italy*

“ 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.

**Prof. Paolo Bonan, MD, Head of Laser Dermatology & Plastic Surgery Unit - Villa Donatello Clinic**  
*Florence, Italy*



THE PERFECT MATCH

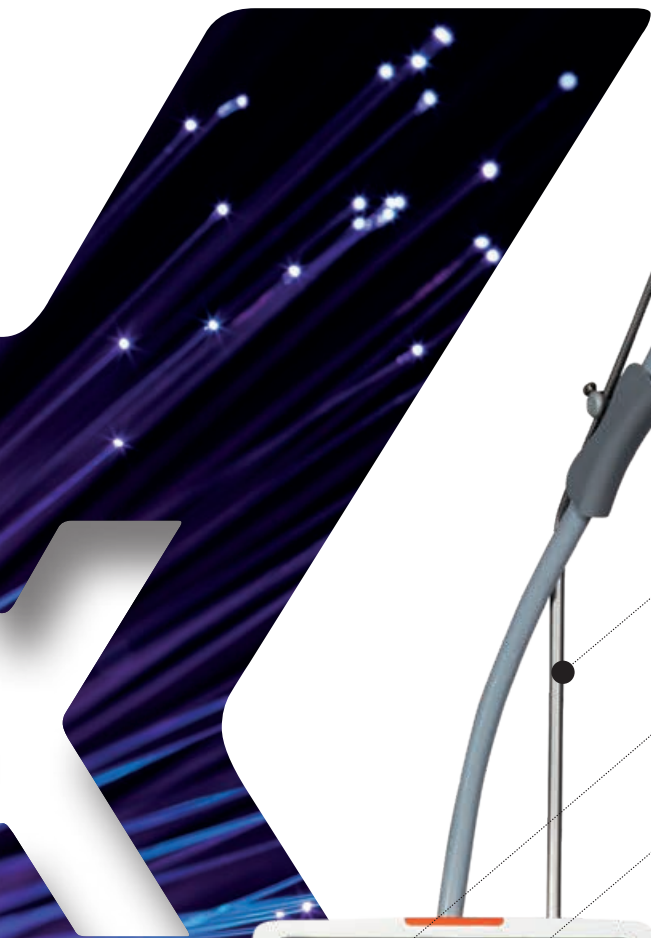
## LUXEA Strength

- **All-in-one** solution
- **Expandable modular** system
- **Easy** to use, short learning curve
- **Rapid return on investment** (ROI) and total patient satisfaction to increase your business
- **3 different technologies:** pulsed light, laser and RF



**Only for DEKA Users:**  
a great support in medical practice

**DEKA** Club



**Plug & Play**  
handpiece connector

**Remote  
Maintenance System**

**Rotable GUI**

**Over 18000**  
available protocols

**12 handpieces**  
easy to handle  
and lightweight



Scan and see  
**LUXEA** in action

LUXEA

# Technical Specifications

LUXEA General Specifications	
<b>Source</b>	Modular laser and intense pulsed light platform
<b>Emission Control</b>	Fingerswitch or Footswitch
<b>Dimensions and Weight</b>	110 (H) cm x 40 (W) x 77 (D) cm   85 Kg
<b>Electrical Requirements</b>	115-240 Vac – 50/60 Hz – 2300VA

Laser Handpieces						
	Insight	Sparks	Prisma	Vivid	Erise	Flash
<b>Source</b>	Nd: YAP laser 1340 nm	Nd:YAG laser 1064 nm	Qs Nd:YAG laser 1064 nm 532+1064 nm	Diode laser 810 nm	Er:YAG laser 2940 nm	Laser 532 nm
<b>Fluence</b>	2.5 -18 J/cm <sup>2</sup>	5 - 800 J/cm <sup>2</sup>	4.5 - 20 J/cm <sup>2</sup>	6 - 40 J/cm <sup>2</sup>	0.15 - 28 J/cm <sup>2</sup>	1-20 J/cm <sup>2</sup>
<b>Spot size</b>	7 mm	2.5 - 4- 6 -10 mm	From 2x2 to 5x5 mm	10x12 mm	2- 4- 9 - 9 (fractional) mm	4 -6 - 10 mm

IPL Handpieces					
	Lilac	Genus Ax	Viridis	Lazur	Ruber
<b>Source</b>	Xe Lamp 500-677 & 854-1200 nm 500-1200 nm, 550-1200 nm 650-1200 nm, 800-1200 nm	Xe Lamp opt. 755 nm	Xe Lamp 500-677 & 854-1200 nm	Xe Lamp 400-1200 nm	Xe Lamp 550-1200 nm
<b>Pulse Duration</b>	3 to 50 ms	8 to 50 ms	3 to 12 ms High Peak mode	8ms; 30 ms; 50 ms	80 to 50 ms
<b>Fluence</b>	1 - 25 J/cm <sup>2</sup>	1 - 20 J/cm <sup>2</sup>	5 - 25 J/cm <sup>2</sup>	1 - 15 J/cm <sup>2</sup>	1 - 20 J/cm <sup>2</sup>

Setis	
<b>Source</b>	Radiofrequency
<b>Power</b>	50 W (max)
<b>Interchangeable Tips</b>	Hexapolar-Large-Medium-Smal-Very Small

**CAUTION** - Visible and invisible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.  
This brochure is not intended for the market of USA.



LUXEA



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[www.dekalaser.com](http://www.dekalaser.com)

Dealer stamp



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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. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. 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.