



eneka^{PRO}
diode laser

The **DIODE LASER PLATFORM**
effective with residual hair

HAIR REMOVAL TREATMENT



DIODE



termosalud.com/eneka

TERMOSALUD | MEDICAL
& ESTHETIC



TERMO SALUD oficinas centrales.

At **TERMO SALUD** we are pioneers in the Well-being, Health and Beauty industry (BSB – Bienestar, Salud y Belleza). Our experience spanning more than 30 years **researching, designing and manufacturing highly innovative products** and equipment, places us at the forefront of the latest trends in beauty medicine, balneotherapy and spa, customised cosmetics and intelligent fabrics designed for biohealth.

The wide **range of equipment and products we manufacture**, along with the related consultancy and technical assistance services, mean we can offer innovative and pioneering solutions for a sector that is characterised by its high level of demand and drive.

Created as a company manufacturing equipment and apparatus for professional cosmetic treatment, **TERMO SALUD** has developed over the years to **incorporate complementary** business lines related to health and well-being.

CORPORATE TRAJECTORY
30 YEARS

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LEADERSHIP AND TECHNICAL EXPERTISE GUARANTEED

The **ENKA PRO DIODE LASER** is manufactured entirely in Spain, with the high level of innovation, expertise and effectiveness necessary for the manufacturing of the medical-beauty equipment developed by Termosalud over the last three decades.

A team of highly qualified professionals has enabled Termosalud to become the **leading company in the manufacture of medical-aesthetic equipment**, based on their continuous commitment and expertise in innovation and development. An extensive network of national and international partners helps us to keep abreast of our customers' needs so we can offer them the most innovative solutions on the market.

Termosalud holds the strictest national and international quality and manufacturing certifications for medical devices, enabling it to offer the best service in this sector.

With **ENKA PRO DIODE LASER** you'll enjoy technical support offering an immediate response.

100 %

R&D

SPANISH TECHNOLOGY



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The **DIODE LASER PLATFORM** effective with residual hair

2000 watts POWER

With **2000** optical watts **ENEKA PRO DIODE LASER** incorporates the contact cooling system **CONTACT COOLING SAPPHIRE** which makes the treatment safer and more pleasant.

MAXIMUM RESULTS

The **ENEKA PRO DIODE LASER** innovative technology allows the best results from the first session, maximising the safety and effectiveness of the treatment on all skin phototypes, all year round.

VERSATILITY AND EFFECTIVENESS

ENEKA PRO DIODE LASER allows the use in the same device of the different **808 nm** and **755 nm** to guarantee the best results even on the most difficult to treat skins.



H A I R R E M O V A L T R E A T M E N T

D I O D E

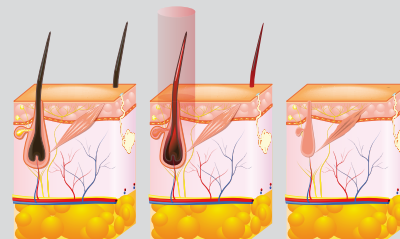


SELECTIVE PHOTOTHERMOLYSIS

ENEKA PRO applies the principle of selective photothermolysis. The light emitted (**photo**) is transformed into heat (**thermo**) and selectively destroys (**lysis**) the germinative cells of the pilous follicle in a **selective** way.

The melanin absorbs the light and carries it to the pilous follicle, where it is transformed into heat.

This way the germinative cells burn, causing the pilous bulb to be destroyed and therefore destroying its capacity to generate a new hair, all without damaging the surrounding tissue at all.



HAIR REMOVAL TREATMENT

ALL TYPES TECHNOLOGY

ENEKA PRO DIODE LASER uses the ALL TYPES technology, developed by Termosalud for permanent hair reduction working with short pulses of **20 to 30 milliseconds**, under the thermal relaxation time of the hair, causing heat damage to the germinative cells of the pilous follicle destroying their ability to generate a new hair without damaging the surrounding tissue.

It is equally effective for treatment on skins with a high melanin density such as types IV, V and VI on the Fitzpatrick scale, working with long pulses, from 100 to 400 milliseconds and increasing the number of sessions.



ALL PHOTOTYPES
ALL HAIR TYPES
ALL YEAR ROUND

HAIR REMOVAL TREATMENT



DIODE

The 755 wavelength is the most absorbed by the melanin, therefore is specially effective on light skin. (photo-types I to III). The ENEKA PRO 755nm handpiece eliminates in a permanent way the thinner and less pigmented hair. It is equally effective with residual hair in the final sessions thanks to its 2000 watts power.

LASER PLATFORM

ENEKA PRO DIODE LASER allows to work with different wavelengths in order to bring more versatility and precision to the treatments.



DIODE

The versatility of the 808nm diode laser handpiece allows a perfect adaptation to all the skin phototypes regardless of the hair colour or thickness. Its 2000 watts power and two working modes (DHR and FDHR) improve its results offering a personalised solution, adapted to the needs of each person.



755 nm

POWER 2000 WATTS

808 nm

2000 W

DHR	30 J/cm ²	20 ms
FDHR	10 J/cm ²	6 ms

eneka PRO diode laser

2000 W

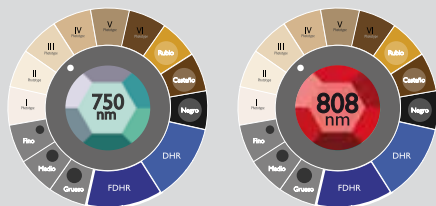
DHR	40 J/cm ²	20 ms
FDHR	10 J/cm ²	5 ms

SAFETY IN THE TREATMENT CONFIGURATION

With **ENEKA PRO** DIODE LASER you can adjust the laser settings to suit the skin type and specific characteristics of the hair; thereby offering your clients maximum safety and effectiveness in their personalised treatment.

Using the intuitive touch screen, you can select the required mode and programmes. The device recognises the type of handpiece used and automatically adapts the configuration circle to it.

In each mode (**DHR** o **FDHR**) you can adjust the settings precisely for the skin, colour and hair type and the hair thickness, to obtain the required values for each treatment.



LEADING TECHNOLOGY

An effective device, 100% tested, which incorporates an interior **cooling unit** that maintains an optimal temperature in the cooling system, preventing technical pauses during the treatment and breakages throughout the useful life of the equipment.

GREATER PROFITABILITY

ENEKA PRO DIODE LASER offers the hair removal sector a unique, more profitable, professional and effective solution, with a 2-year manufacturing guarantee and ensuring perfect performance from the handpieces of the equipment for 10 million blasts.

TERMOSALUD GUARANTEE

More than **30 years'** experience in the innovation and manufacturing of medical-aesthetic devices has led to the creation and development of the **ENEKA PRO** diode laser by Termosalud, offering you the most advanced, effective, and safest technology on the market.



HAIR REMOVAL TREATMENT

TWO FUNCTIONING MODES. MAXIMUM EFFECTIVENESS

power of ENEKA PRO platform allows you to work with high doses of energy (DHR) or in blast mode (FDHR) with low doses of energy at maximum speed (10Hz).

DHR DYNAMIC HAIR REMOVAL

This functioning mode uses short pulses with high doses of energy. It is ideal for all skin and hair phototypes. The working frequency "up to 4 Hz" is another of the significant characteristics of this functioning mode.

FDHR FAST DYNAMIC HAIR REMOVAL

The FDHR continuous mode works with intervals of maximum speed "up to 10 Hz" and low fluence, that allow a gradual warming of the pilous bulb and don't cause the patient any unease, even on the most difficult conditions, such as a high amount of hair; low threshold for pain and darker phototypes.

The FDHR mode works in two different ways, allowing you to work with the maximum number of blasts per grid, or programming the time of luminous administration per grid (10 cm²). The device adjusts the pulse duration according to the parameterized fluence.



FREQUENCY

Choice of hertz to suit the functioning mode selected:

DHR mode: speed of 1,2,3 and 4 Hz

FDHR mode: speed up to 10 Hz.

FLUENCE

Immediate and simple set up of the amount of energy applied in each shot.

From 1 J/cm² up to 50 J/cm², **808 nm**

From 1 J/cm² up to 40 J/cm², **755 nm**

PULSE

It has 3 types of pulse at the maximum fluence:

AUTO for phototypes I and II

30ms for phototypes I, II, and III.

100 ms for phototype IV

and 400 ms for phototypes V and VI.



comfort for the operator safety for the client



EFFECTIVENESS AND VERSATILITY

ENEKA PRO DIODE LASER offers a new handpiece that is more ergonomic and lighter, making it more comfortable to use for the operator in lengthy treatment sessions.

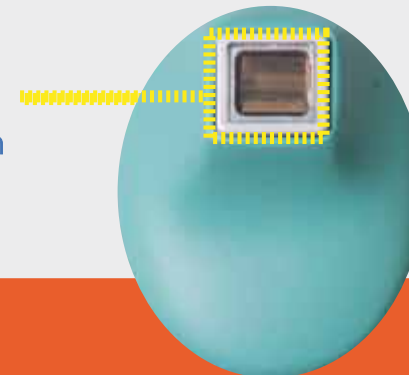
Its 90 mm² allows you to apply the treatment on all the body zones.

CONTACT COOLING SAPPHIRE TIP

The laser head of the ENEKA PRO DIODE LASER is fitted with an exclusive **contact cooling system** “CONTACT COOLING SAPPHIRE TIP” that increases safety for the patient and minimises pain.

The exclusive system created by **Termosalud** automatically adjusts the temperature constantly thanks to the incorporation of the cooling unit inside the device.

SPOT
9x10mm



CONTACT
COOLING
SAPPHIRE TIP
SYSTEM



HAIR REMOVAL TREATMENT

eneka
diode laser **PRO**



Scan the QR code to
see the BEFORE /
AFTER treatments



clinical effectiveness

TERMO SALUD has a highly qualified training and clinical monitoring team, that checks the level of therapeutic response for the devices developed by our R+D department and supervises their application guidelines, in order to achieve maximum results.

ENKA PRO DIODE LASER is the result of the advanced research and development carried out by our R+D team, under strict safety controls and an extensive analysis of all the variables that have an impact on the correct effect on the hair, thereby guaranteeing maximum effectiveness and safety for all our treatments.

ENKA PRO DIODE LASER conforms to the demanding **ISO 9001** and **ISO 13485** quality certifications for the manufacture of medical devices.

eneka diode laser PRO



TECHNICAL DETAILS:

Power supply:	230 V a.c 50/60 Hz 110 V a.c 50/60 Hz (optional)
Maximum consumption:	960 VA
Interface:	Color screen 10,2" Touch Screen Backlight LED
Functioning mode:	DHR / FDHR
Cooling system :	Compressor System Chiller (R134a)

OUTPUT CHARACTERISTICS	808 nm DIODE LASER	755 nm DIODE LASER
Laser classification:	Class 4	Class 4
Source:	Diode laser AlGaAs	Diode laser AlGaAs
Wavelength:	808 nm	755 nm
Optical output energy:	2000 W	2000 W
Pulse duration:	5 ms - 400 ms	6 ms - 400 ms
Repetition rate:	1-10 Hz	1-10 Hz
Spot size:	10 x 9 mm (90 mm ²)	10 x 9 mm (90 mm ²)
Cooling:	Contact Cooling Sapphire Tip System up to +7°C	Contact Cooling Sapphire Tip System up to -7°C

CONDICIONES AMBIENTALES DEL EQUIPO

Ambient functioning temperature	20-30°C
Ambient storage / transporting temperature.	0-40°C
Air pressure	700-1060hPa
Relative humidity or air	<80°C (without condensation)

Dimensions:	62 cm (h) x 43 cm (l) x 63 cm (a)
Weight:	32 kg

Ref. M91
* ENEKA PRO optional table

DIODE LASER HANDPIECES



ENEKA PRO ACCESORIES INCLUDED



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