



# Deeva Laser Epil System

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## 808 nm DIODE LASER FOR HAIR REMOVAL



Laser epilation removes hair by using a source with a specific wavelength that is properly elaborated to allow for the emission of a certain spot of light. According to the characteristics of the area which is to be treated, a specific amount of energy is released that can interact with the hair bulb. The laser beam is very powerful and selective, and can penetrate tissues and hit the melanin in the bulbs.

During the absorbing phase, the light is converted in thermal energy, damaging the follicle's ability to grow another hair. The result is an effective, long-lasting epilation.

The LASER-hair bulb interaction is essentially of a thermal nature. The process is known as "selective photo-thermolysis".

With the device, it is possible to carry out a guided setting of the parameters that characterise the area to be treated:

- Body part: FACE, BODY
- Phototype: I, II, III, IV, V
- Hair colour: Blond, light brown, dark brown, black
- Hair thickness: thin, medium, thick

**DEEVA LASER EPIL SYSTEM** - Epilation device designed and manufactured for use by beauticians. Removes hair using pulsed laser.



**TECHNICAL DATA SHEET**

<b>Input voltage</b>	230 V - 50 Hz
<b>Absorbed power</b>	1500 VA
<b>User interface/display</b>	8" Wide Screen - 800x600 px
<b>Laser class</b>	4
<b>Diode wavelength</b>	808 nm
<b>Single pulse flow</b>	0-40J/cm <sup>2</sup>
<b>Single pulse duration</b>	10-300 ms
<b>Impulse repetition frequency</b>	0,5-10 Hz
<b>Impulse power</b>	40-100%
<b>Operation modes</b>	Single pulse / Series of pulses
<b>Laser diode potency - source</b>	720 W
<b>Emission area</b>	1,1 cm <sup>2</sup>
<b>Tip cooling - levels</b>	4
<b>Size of device</b>	50x40x100 cm
<b>Weight</b>	45 Kg
<b>Safety class</b>	1 / BF

# Accessories

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## DEEVA LASER EPIL SYSTEM

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|--|------------------------------------|
| 1. TUBE WITH FUNNEL FOR H <sub>2</sub> O LOADING   | 5. HANDPIECE HOLDER AND CABLE DUCT |
| 2. CONNECTION WITH H <sub>2</sub> O DISCHARGE TUBE | 6. OPERATOR GOGGLES                |
| 3. PEDAL   | 7. CLIENT PROTECTION MASK          |
| 4. AIR OVERFLOW CONNECTION H <sub>2</sub> O        |                                    |

