HIGH PERFORMANCE THERAPEUTIC LASER
The 905 nm GaAs laser probe delivers pulses in nanoseconds, producing average power of 100 mW and peak power of up to 100 W per diode. This results in a higher concentration of light energy (I₀), or photon density at tissue depth, without the risk of burning tissue.

PROVEN EFFECTIVENESS
The clinical application of light – produced by laser diodes with power output of up to 1600 mW - is scientifically well documented. The 905 nm (GaAs) pulsed laser is the most versatile for deep structures (joints, vertebrae, back muscles), whereas the 808 nm (GaAlAs) is more appropriate for wound healing and tissue repair. Scientific evidence continues to demonstrate that pulsed light does have biological and clinical effects that are different from those of continuous wave (CW) light. Several studies have revealed that the LLLT in the pulsed wave mode of operation can better penetrate through the melanin and other skin barriers, bolstering the hypothesis that pulsing is beneficial in reaching deep target tissue and organs.

EVIDENCE-BASED CLINICAL GUIDELINES
The Endolaser provides the user with dosage recommendations for the effective treatment of pain and various musculoskeletal disorders.

MULTIPLE LASER PROBES AVAILABLE
For the treatment of smaller surfaces, a selection of single laser probes is available with total power of up to 100mW and 500mW. For the treatment of larger areas, the cluster probe, which combines 4 diodes with total power of up to 1600 mW, can be used. The Endolaser automatically recognizes the type of probe that is connected.

QUICK ACCESS POWER BUTTONS
The output power of the Endolaser 120 can be easily set to different levels for easy dosage settings.

TARGET LIGHT
When treating a patient without probe-skin contact, the red target light helps the therapist focus on the area to be treated. The target light contributes to safe treatment by indicating the irradiation area of the laser beam.

ERGONOMIC PROBES
The ergonomic probes can be used with or without skin contact. Each probe is equipped with a start-pause button for easy control. The indication light on top of the probe indicates the emission state (laser running or laser-ready).
ENDOLASER 120

1633901 ENDOLASER 120  
with single probe holder

1633902 ENDOLASER 120  
with double probe holder

STANDARD ACCESSORIES

- 2x Laser safety eyewear (goggles)
- Info sheet
- User manual (on CD)
- 3444290 Mains cable 230V-EUR
- 1x Probe holder

TECHNICAL SPECIFICATIONS

General
- Mains voltage: 100 - 240 Volt
- Frequency: 50/60 Hz
- Max. power output: 20 VA
- Dimensions device (length x width x height): 22 x 16 x 14 cm
- Weight unit: 1.6 kilograms
- Type of laser diode: GaAs (pulsed) and GaAlAs (continuous)
- Preprogrammed clinical protocols: 22
- Number of favourites to save: 20

Safety and performance standards

- Medical device classification: IIa
- Rule 9 Annex IX of 93/42/EEC
- This equipment complies with all the requirements of the Medical Device Directive (93/42/EEC).
- General requirements for the safety of electrical medical systems.
- Electrical safety class II
- Type B applied part.

IEC 60601-1

Safety class according to IEC 60601-1

Applied parts

Classification of laser according to IEC60825-1

OPTIONELE ACCESSOIRES

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<tr>
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<tbody>
<tr>
<td>1632801</td>
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<tr>
<td>1632802</td>
<td>LP500C Laser probe 500 mW, continuous laser diode (808 nm)</td>
</tr>
<tr>
<td>1632803</td>
<td>CP4X100C Cluster probe 4x100 mW, continuous laser diode (808 nm)</td>
</tr>
<tr>
<td>1632804</td>
<td>CP4X400C Cluster probe 4x400 mW, continuous laser diode (808 nm)</td>
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<td>3444820</td>
<td>Laser safety eyewear (set of goggles)</td>
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OUTPUT

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PEAKPOWER

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- Electrical safety class II
- Type B applied part.
**ENDOLASER 120**

**Powerful solution** to eliminate pain, reduce inflammation and accelerate tissue healing

Fast & easy operation: "with the speed of light"

**Safe**

Evidence Based Clinical **Guidelines** incorporated

**Drug-free** and non-invasive

**Effective**

Smart laser monitoring system - Long Lasting Laser Technology - to ensure **stable output**.

Now and in the future.

Store your **favourites**
ENDOLASER 120

Automatic recognition of connected laser probes

High quality beam characteristics

Full colour touchscreen

Automatic dosage / time adjustment based on output power level

Ergonomically designed probes

Variety of probes: CW and pulsed

Easy to clean probes

Compact & light weight