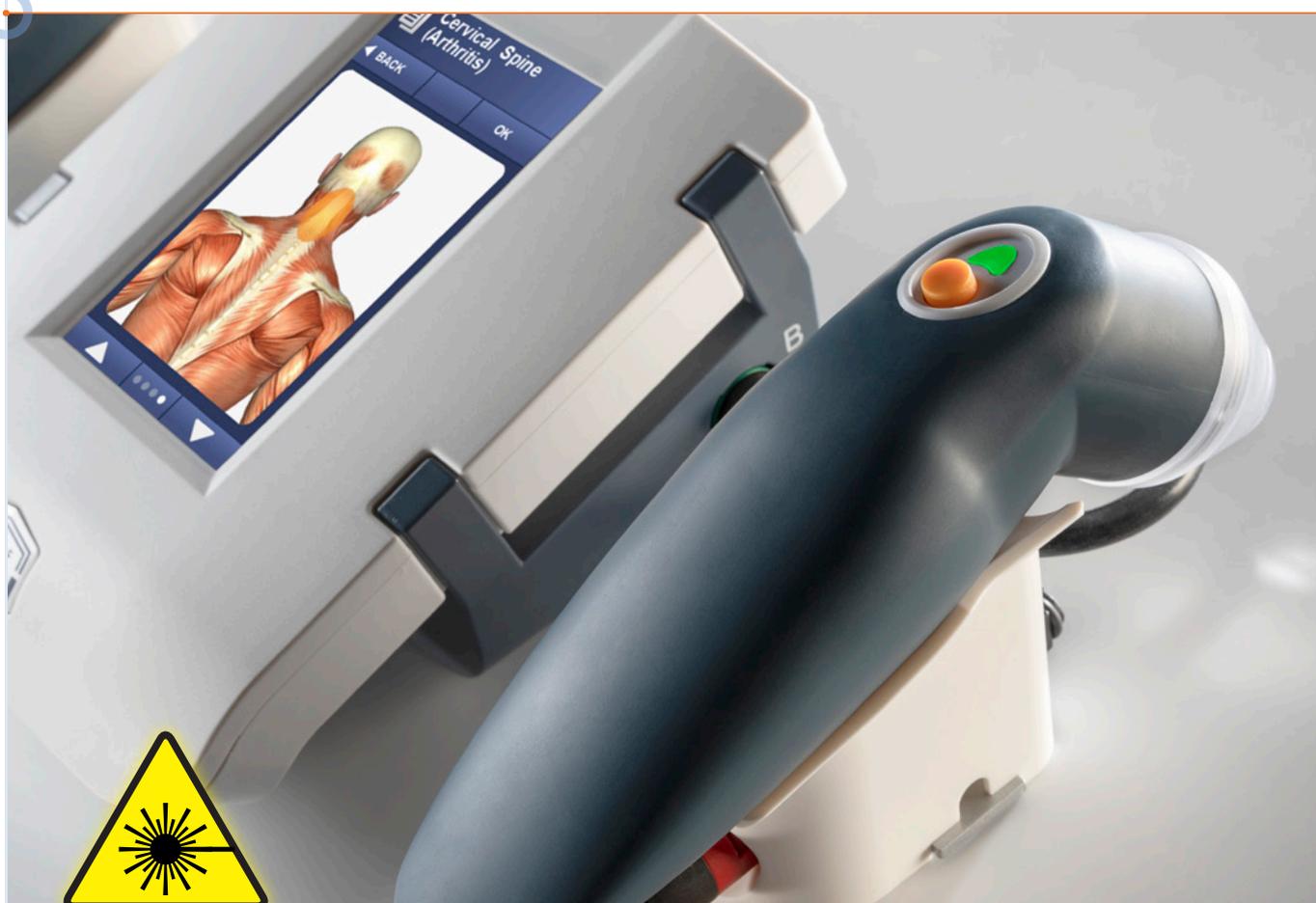


ENDOLASER 120



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 (I_0), 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

STANDARD ACCESSORIES

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

OPTIONELE ACCESSOIRES

- 1632801 LP100P Laser probe 100 mW, super pulsed laser diode (905 nm)
- 1632802 LP500C Laser probe 500 mW, continuous laser diode (808 nm)
- 1632803 CP4X100C Cluster probe 4x100 mW, continuous laser diode (808 nm)
- 1632804 CP4X400C Cluster probe 4x400 mW, continuous laser diode (808 nm)
- 3444820 Laser safety eyewear (set of goggles)

OUTPUT

- 100 mW
- 500 mW
- 4 x 100 mW
- 4 x 400 mW

PEAKPOWER

- 100 W



1632801



1632802



1632803



1632804



3444820

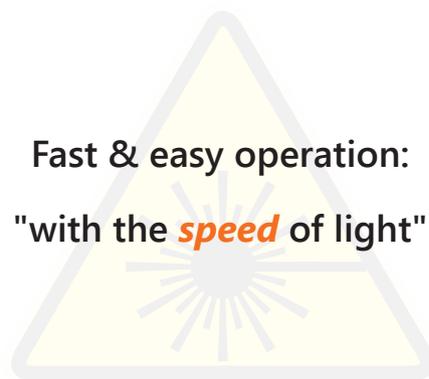
TECHNICAL SPECIFICATIONS

General			
Mains voltage:	100 - 240 Volt	Safety and performance standards	Ia; Rule 9 Annex IX of 93/42/EEC
Frequency:	50/60 Hz	Medical device classification	This equipment complies with all the requirements of the Medical Device Directive (93/42/EEC).
Max. power output:	20 VA		General requirements for the safety of electrical medical systems.
Dimensions device (length x width x height):	22 x 16 x 14 cm		Electrical safety class II
Weight unit:	1.6 kilograms		Type B applied part.
Type of laser diode:	GaAs (pulsed) and GaAlAs (continuous)	IEC 60601-1	
Preprogrammed clinical protocols:	22	Safety class according to IEC 60601-1	
Number of favourites to save:	20	Applied parts	
		Classification of laser according to IEC60825-1	3B

ENDOLASER 120

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

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



Safe



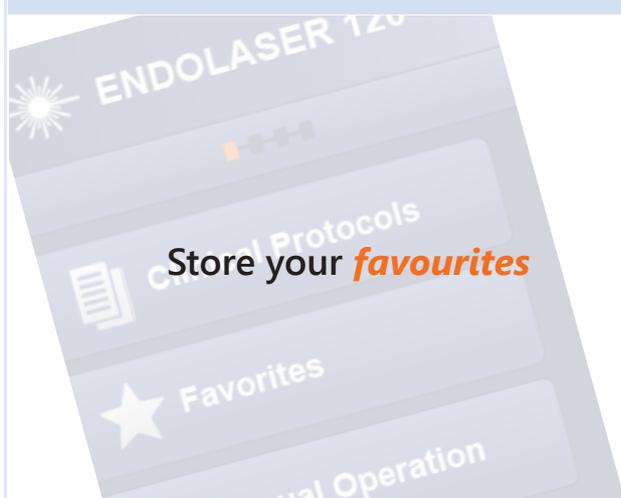
Evidence Based Clinical **Guidelines**
incorporated

Drug-free and non-invasive

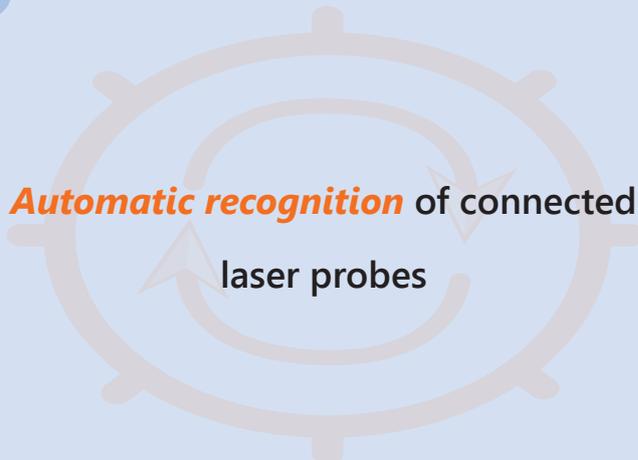
Effective



Smart laser monitoring system
-Long Lasting Laser Technology-
to ensure **stable output**.
Now and in the future.



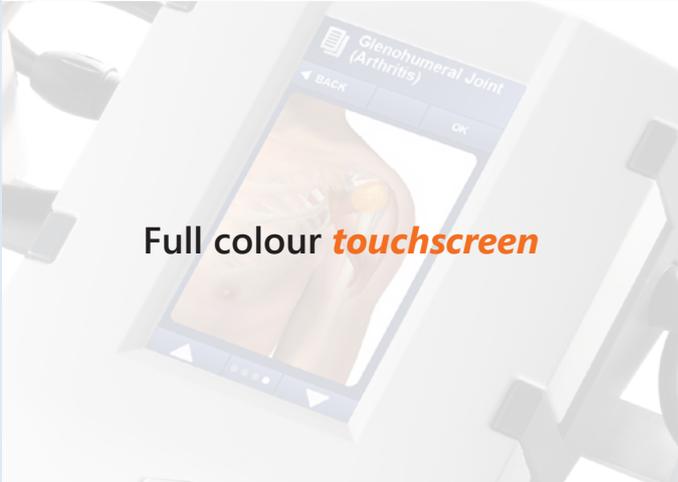
ENDOLASER 120



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