

HIRO

15,000 W/cm² for regenerative therapy.



Hilterapia®



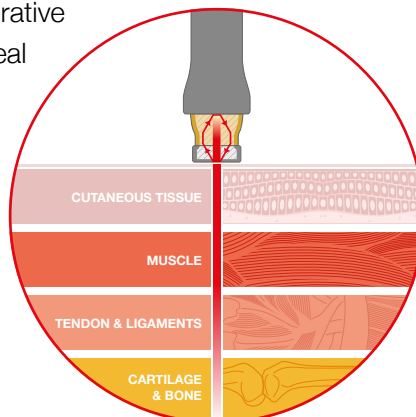
Thanks to the short duration of the pulse and its very **high intensity**, Hilterapia® generates an important **photomechanical effect** capable of triggering a series of biological signals and effects at cellular, tissular and structural levels.

Hilterapia® promotes and modulates the activation of lymphatic drainage, microcirculation, tissue repair and healing processes.

Hilterapia®
Beyond power, therapeutic efficacy.

Hilterapia® is ideal for the treatment of the most common painful pathologies of the musculoskeletal system. Promoting tissue repair and healing processes, Hilterapia® allows to effectively treat superficial and deep chronic lesions.

Specifically designed to treat Degenerative Joint Disorders, DJD handpiece is ideal for regenerative therapy where the primary goal is to maximize the transfer of the Hilterapia® pulse to the target tissues.



United States
patents N°:
US 6,527,797 B1
US 8,480,719 B2

Therapeutic handpiece

Ø 5mm handpiece for pain therapy featuring a spacer for the correct energy delivery on the treatment area.
Intensity 15,000 W/cm²



DJD handpiece

DJD handpiece for regenerative therapy, optimizing the Hilterapia® pulse transfer to the tissue.
Patented. Intensity 15,000 W/cm²



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HIRO

Technical features



Hilterapia®

- ▶ Laser system featuring the patented Hilterapia® pulse
- ▶ High Intensity pulsed Nd:YAG laser source
- ▶ Peak Power (max): 3,000 W
- ▶ Intensity (max): 15,000 W/cm²
- ▶ Energy per pulse (max): 350 mJ
- ▶ Frequency: 10-30 Hz
- ▶ Average power (max): 10.5 W
- ▶ Fluence (max): 1,780 mJ/cm²
- ▶ Pulse duration: ≤ 100 μs
- ▶ Auto-calibration of the laser emission to optimize the power delivery to the tissue
- ▶ User interface with 10" graphic color touch screen display
- ▶ Fully-customizable and retrievable programs

ALARMS AND SAFETY FEATURES

- ▶ Acoustic signal of laser emission during the therapy
- ▶ Date and time
- ▶ Language option
- ▶ Machine status signals and alarms
- ▶ Emergency stop button for laser emission
- ▶ Laser emission warning light
- ▶ Interlock
- ▶ Footswitch emission control

PROVIDED ACCESSORIES

- ▶ Ø 5 mm handpiece for pain therapy
- ▶ Patented DJD handpiece for regenerative therapy
- ▶ N.2 fiber holders
- ▶ N.2 laser safety goggles
- ▶ N.1 footswitch emission control pedal

POWER SUPPLY, DIMENSIONS AND WEIGHT

- ▶ 115/230 V 50/60 Hz 1840 VA
- ▶ 37 x 75 x 132 (W x D x H) cm
- ▶ 52 kg

