

HIRO 3.0

15,000 W/cm²
for regenerative therapy.



Thanks to the specific patented impulse, HIRO 3.0 reaches **very high power peaks (3kW)** with a **Nd:YAG pulsed source** (wavelength **1064 nm**). The high **intensity** obtained (up to **15,000 W/cm²**) effectively treats even the deepest chronic lesions. The duration and frequency of the HILT[®] impulse means that its use is always safe, because it constantly maintains the skin temperature below the thermal damage threshold.

Hilterapia[®] Beyond power, therapeutic efficacy.

Hilterapia[®] is a therapeutic technique based on an exclusive and patented high-intensity laser emission which, while functioning in absolute safety, allows you to obtain an effective therapeutic **action in depth**. Ideal for the treatment of painful pathologies of the osteo-muscle-tendon system, both superficial and deep.

JOINT

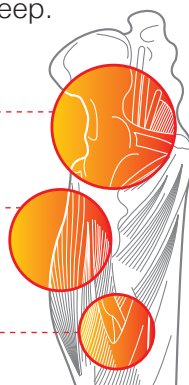
Reduces articular inflammation and favors repair processes

MUSCULAR SYSTEM

Rapidly resolves contractures, producing an intense analgesic effect

CIRCULATION & LYMPHATIC SYSTEM

Promotes the supply of nutrients and re-absorption liquid accumulations



Hilterapia[®]



Therapeutic handpiece

Standard 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 HILT[®] pulse transfer to the tissue. Patented.
Intensity **15,000 W/cm²**



HIRO 3.0

Technical features

- ▶ Laser system employing the patented HILT® pulse
- ▶ High Intensity pulsed Nd:YAG laser source
- ▶ Peak Power (max): 3 kW
- ▶ Intensity (max): 15,000 W/cm²
- ▶ Energy per pulse (max): 350 mJ
- ▶ Average power (max): 10.5 W
- ▶ Fluence (max): 1780 mJ/cm²
- ▶ Pulse duration: ≤ 100 μs
- ▶ Standard handpiece for pain therapy
- ▶ Patented DJD handpiece for regenerative therapy
- ▶ User interface with graphic backlit color touch screen display with images of human body
- ▶ New operating system:
 - guided protocol for body area treatment
 - protocol for pathology treatment
 - anti-edema protocol
 - standard protocol
- ▶ Programs to modify and save personal parameters
- ▶ Emitted energy calculated automatically according to selected functions

ALARMS AND SAFETY FEATURES

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

INCLUDED ACCESSORIES

- ▶ N.2 laser safety goggles

SIZE AND WEIGHT

- ▶ 30 x 70 x 78 cm
- ▶ 40 Kg

POWER SUPPLY

- ▶ 115V/230V 50-60Hz 1840VA



Hilterapia®

