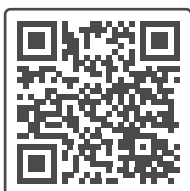


LASER THERAPY

HIGH-POWER EFFECTIVENESS







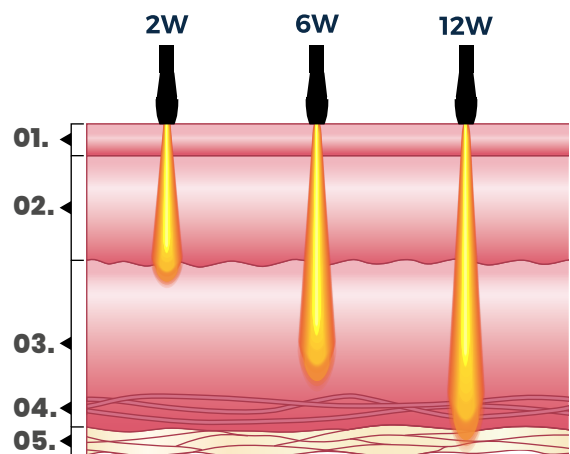
GLOBUS LASER RANGE EFFECTIVENESS AND HIGH POWER

The range of GLOBUS LASER THERAPY devices includes low-power (up to 2 W) and high-power (6 W and 12 W) models.

The entire range is available in two hardware formats: a small one, very handy and easy to move, and the PRO version, with a slightly larger case, suitable for being placed on a studio cart while preserving the portability features that have always characterized GLOBUS devices.

For both types of hardware, diodes are available with a maximum power of 2 W, 6 W or 12 W, while the two models 500 mW and 1 W are only available with the small case.

CAPACITY OF PENETRATING THE TISSUES WITH DIFFERENT POWER PEAKS



01. Stratum corneum - **02.** Epidermis - **03.** Dermis
04. Blood vessels - **05.** Subcutaneous fat

High power is fundamental to let the laser beam act in depth in order to trigger the desired therapeutic effect on tissues, making sure that treatments can be carried out on large areas in less time.



A THERAPEUTIC GOAL FOR EVERY WAVELENGTH

The wavelengths that can be used with the GLOBUS laser devices are:

808 nm

It optimizes the interaction with the mitochondria and triggers an increase in cytochrome-c oxidase and ATP, two important chemicals for activating the oxidative process of hemoglobin and promoting the regeneration of tissues such as tendons and muscles.

980 nm

At this wavelength there is a peak of absorption by the water. Most of the energy creates thermal gradients in the water that increase circulation and blood flow, producing a fast analgesic effect.

1064 nm

This wavelength too is characterized by a high degree of absorption by the water of the tissues, so that a good amount of energy is converted into heat (it is the length with less dispersion). As a result, we can control inflammations and activate metabolic processes for all cellular activities.

INTERACTIONS

With the same energy flow delivered, as the exposure time and wavelength of the radiation vary, there are interactions of a different nature.

PHOTOCHEMISTRY

THERAPEUTIC EFFECT
ANTI-INFLAMMATORY
AND ANTIEDEMIGENOUS

PHOTOTHERMAL

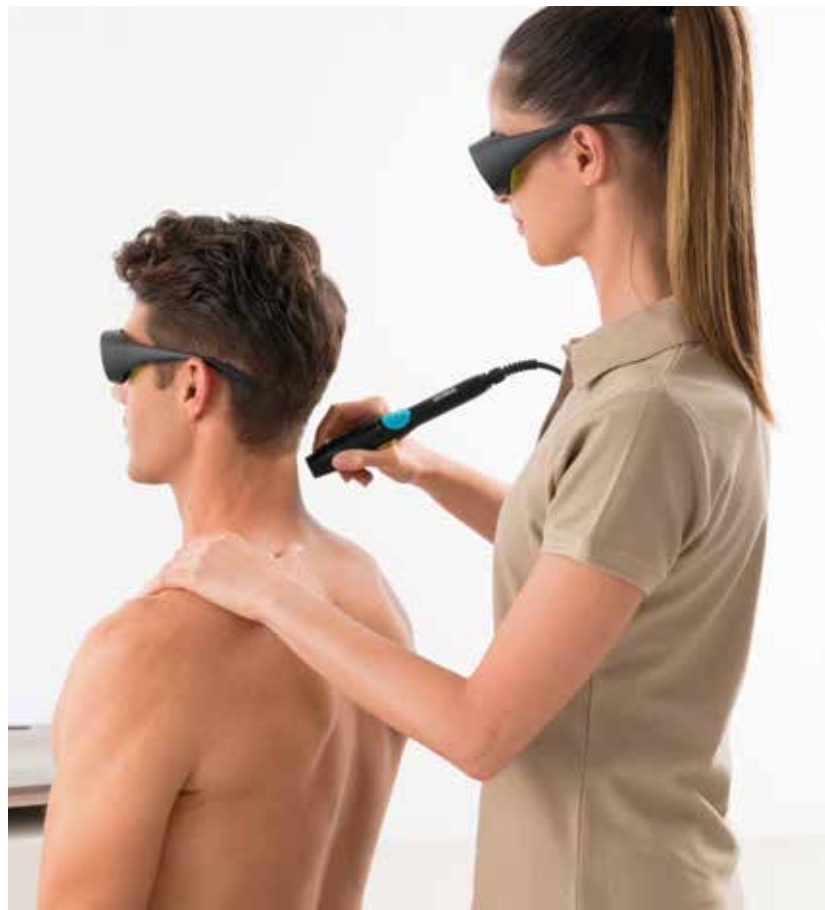
ANALGESIC THERAPEUTIC EFFECT

PHOTOMECHANICS

REGENERATIVE THERAPEUTIC EFFECT
BIOSTIMULATING



N.B. The wavelengths 980 nm and 1064 nm are available as an optional accessory for all 6 W and 12 W models.



MAIN THERAPEUTIC INDICATIONS

The GLOBUS laser devices are equipped with a wide library of therapeutic programs divided into anatomical areas, which will help you in the treatment of osteo-articular, fascial, muscle-tendon and cartilage pathologies. Otherwise, you can choose to use customized programs and manually set the parameters according to the specific needs of the patient.

- **CHONDROPATHY**
- **VERTEBRAL ARTHROSIS**
- **ACHILLES TENDINOPATHY**
- **SUB-ACROMIAL CONFLICT**
- **CHRONIC CERVICAL PAIN**
- **EPICONDYLITIS OR EPITROCHLEITISE**
- **MUSCLE TEAR/INJURY**
- **CARPAL TUNNEL SYNDROME**



DERMATOLOGICAL APPLICATIONS

Due to its biostimulating and tissue-regenerating action, laser is also indicated in the dermatological field to treat skin wounds, ulcers and warts.

Some of the multiple advantages of using laser in dermatological pathologies are:

- **NON-INVASIVENESS AND SHORTER TREATMENT TIME**
- **ABSENCE OF PAIN AND FAST, LASTING RESULTS**



PHYSIOLASER 12.0 PRO

Code G5803

Display: 2.6", backlit

Maximum power: 12 W \pm 20%

Pre-set protocols: 74 to 808 nm / 28 to 980 nm

Handpiece: HP 808 nm included
HP 980 nm and 1064 nm optional

Optics included: \varnothing 11 mm and \varnothing 22 mm

Power supply: mains and rechargeable battery

Dimensions: 170x220x60 mm

PHYSIOLASER 6.0 PRO

Code G5764

Display: 2.6", backlit

Maximum power: 6 W \pm 20%

Pre-set protocols: 60 to 808 nm / 28 to 980 nm

Handpiece: MP 808 nm included
MP 980 nm and 1064 nm optional

Optics included: \varnothing 11 mm and \varnothing 22 mm optional

Power supply: mains and rechargeable battery

Dimensions: 170x220x60 mm

**DESIGNED
FOR THE MOST
DEMANDING
PROFESSIONALS**



A WIDE RANGE OF POWERFUL AND HANDHELD DEVICES

	MAX POWER	PRE-SET PROTOCOLS	HANDPIECE WAVELENGTH	OPTICS
PHYSIOLASER 500 Code G3786	0,5 W	20	White 808 nm (inc.)	Ø 11 mm (inc.)
PHYSIOLASER 1000 Code G3579	1 W	40	Green 808 nm (inc.)	Ø 11 mm (inc.)
PHYSIOLASER 2.0 Code G5739	2 W	40	Black 808 nm (inc.)	Ø 11 mm (inc.)
PHYSIOLASER 6.0 Code G5740	6 W	60 (810 nm) 28 (980 nm)	MP 808 nm (inc.) MP 980 nm (opt.) 1064 nm (opt.)	Ø 11 mm (inc.) Ø 22 mm (opt.)
PHYSIOLASER 12.0 Code G5741	12 W	74 (810 nm) 28 (980 nm)	HP 808 nm (inc.) HP 980 nm (opt.) 1064 nm (opt.)	Ø 11 mm (inc.) Ø 22 mm (inc.)



PODCARE LASER PODOLOGY, YOUR ALLY

The GLOBUS PODCARE laser therapy models are equipped with a wide section of foot programs for the treatment of the following pathologies:

- **NAIL** (Onychomycosis, Onychocryptosis)
- **DERMATOLOGICAL** (Ulcers, Skin wounds)
- **BLOOD VESSEL** (Raynaud's phenomenon)
- **POST-TRAUMATIC OSTEO-ARTICULAR** (Sprains, Ankle arthrosis, Metatarsalgia)
- **INFLAMMATORY MUSCULOSKELETAL** (Plantar fasciitis, Tendinopathies, etc.)

ONYCHOMYCOSIS

It is a fungal infection that mainly affects the toenails, which are the part that are most exposed to heat and humidity. The infection occurs with the maceration of keratin, which generally takes on a yellowish color. The laser creates a photothermal effect on the nail, consisting of laser light and progressive high-temperature heating, which eliminates the fungus of the nail.



MORTON'S NEUROMA

Morton's neuroma consists in a thickening of the interdigital nerve due to perineural fibrosis, or the formation of fibrous scar tissue.

The cause of this fibrosis is the friction on the nerve of the metatarsal bones. Morton's neuroma is usually located in the interdigital space between the third and fourth metatarsal, since at this level the metatarsal bones are more mobile.

The localization between the second and third metatarsus is less frequent, while the localizations in the remaining interdigital spaces are rare.

Laser therapy is used to reduce the pain under the foot (analgesic purpose) and to reduce the inflammation caused by the friction on the nerve of the metatarsal bones (anti-inflammatory purpose).



PODCARE 12.0 PRO

Code G5803

Display: 2.6", backlit

Maximum power: 12 W \pm 20%

Pre-set protocols: 74 to 808 nm / 28 to 980 nm

Handpiece: HP 808 nm included
HP 980 nm and 1064 nm optional

Optics included: \varnothing 11 mm and \varnothing 22 mm

Power supply: mains and rechargeable battery

Dimensions: 170x220x60 mm

**THE DEVICES
FOR THE STUDIO,
LIGHT AND PORTABLE**

PODCARE 6.0 PRO

Code G5764

Display: 2.6", backlit

Maximum power: 6 W \pm 20%

Pre-set protocols: 60 to 808 nm / 28 to 980 nm

Handpiece: MP 808 nm included
MP 980 nm and 1064 nm optional

Optics included: \varnothing 11 mm and \varnothing 22 mm opzionale

Power supply: mains and rechargeable battery

Dimensions: 170x220x60 mm

PODCARE 2.0 PRO

Code G5761

Display: 2.6", backlit

Maximum power: 2 W \pm 20%

Pre-set protocols: 40 to 808 nm

Handpiece: Black 808 nm

Optic included: \varnothing 11 mm

Power supply: mains and rechargeable battery

Dimensions: 170x220x60 mm



HANDHELD DEVICES

PODCARE 6.0

Code G5737

Display: 2.6", backlit

Maximum power: 6 W \pm 20%

Pre-set protocols: 60 to 808 nm / 28 to 980 nm

Handpiece: MP 808 nm included
MP 980 nm and 1064 nm optional

Optics included: \varnothing 11 mm and \varnothing 22 mm optional

Power supply: mains and rechargeable battery

Dimensions: 100x160x35 mm

PODCARE 2.0

Code G5736

Display: 2.6", backlit

Maximum power: 2 W \pm 20%

Pre-set protocols: 40 to 808 nm

Handpiece: Black 808 nm

Optic included: \varnothing 11 mm

Power supply: mains and rechargeable battery

Dimensions: 100x160x35 mm