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EL17089 FISIOLASER EXCELLENT 15W

FISIOLASER EXCELLENT 15W is an electro-medical device that deliver lasertherapy treatments by using a probe that allows the delivery of the treatment.

The devices are active therapeutic machines, non invasive and mostly used by Medical and Paramedical Staff, such as physiatrists, physiotherapists and pain therapists, doctors and aesthetic doctors

How to use the device

All control functions and the entire functional structure of the machine are managed and coordinated by a micro-processor: in addition to the task of making available application programs already stored, it allows an optimal, safe and personalized use of the device.

The user dialogue interface is conducted by a large and clear graphic LCD display where there are displayed all operational messages interesting to the Operator, the functional state of the machine during the normal therapeutic activity and any error message.

In operation

FISIOLASER EXCELLENT 15W can work in continuous mode, emitting respectively 15W of maximum power or can operate in duty cycle pulsed mode.

The power supplied is transmitted by using the optical fiber, which guarantees high effectiveness and full application handling.

One of the most important features of the FISIOLASER EXCELLENT 15W is represented from the probe. It is a special device that allows defocusing the ray to have the possibility of working on portions of tissue with different size, from 0.78 cm² to 4.90 cm². This special probe allows the user to have a higher and more specific spectrum action according to the body part to be treated.

The operator can select the parameters value of the treatment depending on his/her needs. The parameters that can be modified before or during the treatment by the operator are:

- PULSED, that is the energy percentage that must be emitted
- SPOT AREA in cm²
- POWER to be supplied in W.

The stored programs are the result of the operating experience developed during the years by professionally expert users and they will be useful as suggestions to start the treatment. The possibility to modify the parameters according to the users needs guarantees versatility in use that is fundamental in medical contexts.

FISIOLASER EXCELLENT 15W give you the possibility to save customized programs and patients' cards in two different storage media:

- an internal support called MEMORY
- an external support called USB

where can be managed the customized protocols and the patients' cards. Both memories can be formatted in any moment to be re-used with new patients or with the other compatible devices.

You can use these memories to save customized programs, to load and



start these programs or to delete useless treatments.

Therapeutic suggestion standard protocols are stored in another internal memory of the machine. This memory cannot be used by the user, its data cannot be deleted or formatted; to make the possible modifications available, and you need to save them in another memory support by creating a customized protocol.

Guided procedure

By selecting an anatomical area of the body (front/rear) shown in the screen you will obtain the list of the possible pathologies for the selected area and it will be possible to load the associated protocol of therapeutic suggestion. These programs pre-loaded in the internal memory of the machine can be modified, but cannot be overwritten or deleted.

The anatomical regions are:

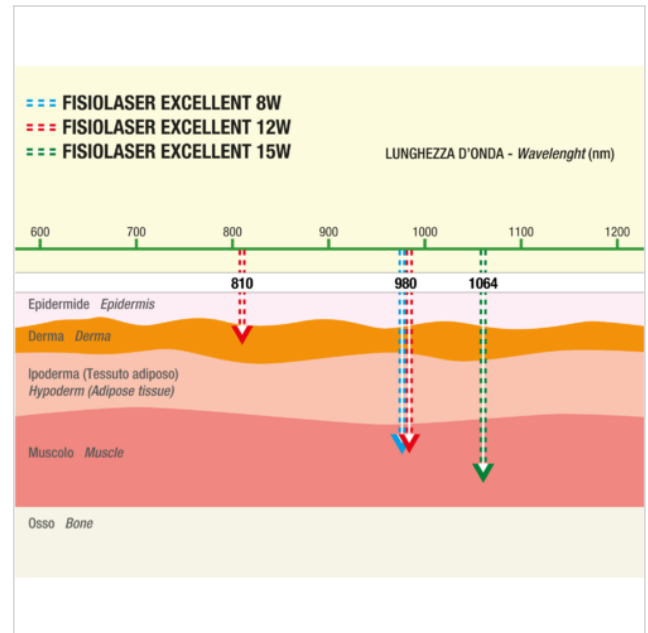
- Shoulders
- Front upper limbs
- Rear upper limbs
- Pubis
- Front lower limbs
- Rear lower limbs
- Lumbar area
- Hands front
- Hands rear
- Foot front
- Foot rear

Supplied with




- User manual;
- n.1 mains power supply cable;
- n.2 spare fuses (see technical specifications);
- n.1 defocused laser handpiece in optical fiber (integral to the device);
- n.2 protective laser glasses;
- n.1 pedal with foot protection;
- n.1 interlock key

Technical specifications and dimensions

Mains power supply :	230 Vac, 50-60Hz, ±10%
Mains power supply (on request) :	115 Vac, 50-60Hz, ±10%
Maximum mains power absorption :	105 VA
Interlock key :	3-pole contacts
Max power :	15W ± 20%
LCD display :	8" colour touch screen
Wavelength :	1064 nm
Laser risk classification EN60825-1 :	4
Emission frequency :	100 Hz ÷ 10000 Hz
Selectable percentage of emitted power :	10% - 100%
Medical device class according to EU regulations :	IIB
Output channels :	1
Programmable treatment :	1-99 min
Pre-installed protocols :	Available
Storable patient procedures on internal memory :	200
Storable patient treatment procedures on USB :	4 Gb
Dimensions :	39 x 13 x 32 cm
Weight :	7.5 kg



Documentation available online

Certificate - Ce certificate Italian, English	.PDF 1.64 MB
Compliance of statement - past edition - Declaration of conformity Italian, English	 .PDF 77.63 KB
Manual - past Edition - User manual English	 .PDF 932.52 KB
Manual - past Edition - Manuale istruzioni Italian	 .PDF 1.02 MB

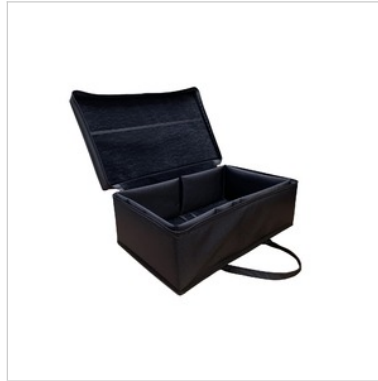
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Accessories



02098 LASER RADIATION PROTECTIVE GOGGLES

Lens color green, VLT 45%.



EL0016 CARRY CASE

Carry case for the unit transport



EL0191 WOK TROLLEY

Trolley with a support surface designed for use with Chinesport table top electro-medical devices. Compact and easy to handle on 4 casters.

More pictures of product

