

# Therapy Laser System MAESTRO

Advanced laser of the new MDTL (Menu Driven Therapy Laser) generation meeting even the highest demands of laser therapists :

- two laser probes with different parameters can be connected with the unit simultaneously
- one laser probe for point therapy together with an auxiliary scanner for large area applications can be connected with the unit simultaneously
- automatic adjustment of parameters of therapy according to chosen diagnosis
- your own desired parameters of therapy can be stored in the memory of the unit for frequent use
- Wavelength: 635 nm, 670 nm, 830 (IR)nm upon request
- Power output : 3 - 300 mW depending on wavelength
- Mains supply, battery sources available
- Simple operation, maximum protection



<sup>1</sup>)Menu Driven Therapy Laser

## Accessories

### CCM SPECIAL Laser Probe 635 nm

The depth of penetration into tissue is rather low and major portion of energy is absorbed in 3 - 5 mms. Therefore these probes are mainly used for superficial skin and mucous applications. Supplied in 3 - 7 - 15 mW versions.

### CCM UNIVERSAL Laser Probe 670 nm

Their penetration is deeper (up to 2 cms.) and that is why they can be used for superficial applications as well as for irradiation of tissue structures and smaller joints. These probes are optimal for universal use and for acupuncture. Supplied in 3 - 10 - 20 - 25 mW versions.

### CCM INFRARED Laser Probe 830 nm

High power probes with the ability of deep penetration into tissue (average 5 and more cms). These are the best for irradiation of joints and other deep structures. Output versions include 20 - 30 - 40 - 80 - 100 - 300 mW.

### Auxiliary Laser Scanner LineScan



LineScan is used for automatic applications of laser therapy on larger surfaces. It saves time and efforts of therapists.

- Quite even irradiation of treated area with accurate dosage of energy.
- Frequency modulation can be adjusted exactly in harmony with chosen diagnosis.
- Continuous as well as frequency mode.
- So far, LineScan is available in two modifications:
  - 670nm/20mW (visible) - for dermatology, cosmetics, wound management
  - 830nm/200mW (IR) + 670mW/2mW (aiming beam) - for

## You ask about...

### ...which probes are recommended ?

At present, thirteen various types of CCM Laser Probes for superficial as well as for deep therapy are supplied. Thus every therapist can choose his own probe with the most suitable wavelength and output and does not have to be dependent on "universal" parameters of a standard laser unit.

### ...can both probes work simultaneously ?

No. Two laser probes, or a laser probe for point therapy and a scanner for large area treatment can be connected to the unit simultaneously. However, therapist may work with only one probe but he can choose which one is more suitable for desired therapy at the moment.

### ...what power output is the best one ?

The most important parameter of a laser probe is its wavelength which determines the depth of penetration. Lower output may be, to a certain extent, balanced by longer time of exposure. Higher output is mainly recommended for IR laser probes.

### ...how does the automatic setting of parameters work ?

Therapist has to choose his specialization from the menu and afterwards he picks up desired diagnosis. The unit adjusts optimum frequency and energy doses for each diagnosis.

### ...what are the presets then good for ?

By storing parameters of therapy for you most frequent applications, or for repeated treatment of the same patient, you save time and efforts. It makes the work with the unit very comfortable.

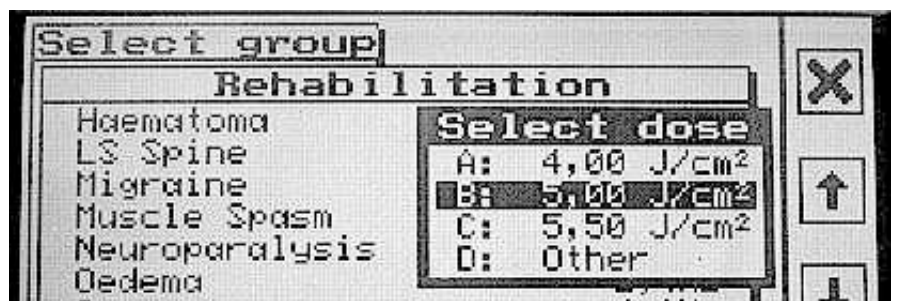
### ...what accessories can your MAESTRO be equipped with ?

Besides of wide variety of CCM Laser Probes it is the auxiliary scanner LineScan, or a linear head for therapy of large areas. On the other hand, for point treatment in acupuncture, dentistry etc., rigid lightguides can be used. The CCM Laser Probes can also be disconnected from the unit and used with supplementary battery source. Protective multiwavelength eyewear is also supplied.

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## The display of the unit in the diagnosis mode with all necessary parameters of therapy automatically adjusted :

- Group : REHABILITATION
- Diagnosis : Tennis Elbow
- Frequency : 9,3 Hz
- Energy dose : 5,0 J/cm<sup>2</sup>



SCARS	4,1Hz	
Tendonitis	8,4Hz	
Tennis Elbow	9,3Hz	
TH Spine	8,6Hz	<input checked="" type="checkbox"/>

## APPLICATIONS

### ACUPUNCTURE

Frequency modulation according to Nogiér and Bahr :

- Universal
- Nutritive
- Metabolic
- Spinal
- Subcortical
- Prefrontal
- Stimulative
- Regenerative
- Analgesic etc.

### COSMETICS

- Acne
- Alopecia
- Biostimulation
- Dermatitis
- Haematoma
- Microscars
- Migraine
- Striae
- Myorelaxation

### DENTISTRY

- Alveotilis
- Aphtae
- Decubitus
- Hypermia
- Herpes
- Gums Inflamm.
- Paradontosis
- Pulpitis
- Dent. Difficillis
- Resection
- Sensitivity
- Post Op Healing

### DERMATOLOGY

- Acne
- Alopecia
- Decubitus
- Dermatitis
- Eczema
- Furunculus
- Haematoma
- Herpes
- Psoriasis
- Scars
- Striae
- Ulcus Cruris

### E.N.T.

- Herpes
- Oedema
- Drum Healing
- Tinnitus
- Microscars
- Polyposis

### GYNAECOLOGY

- Adnexitis
- Bartholinitis
- Cervicitis
- Epiziotomy
- HPV
- Kolpitis
- Menorrhagia
- Parametritis
- Pelvipathia
- Striae
- Sutura
- Vulvitus

## **REHABILITATION**

- Achillodynia
- Arthritis
- Arthrosis
- Fractures
- Haematoma
- Chronic Pain
- Oedema
- Scars
- Muscle Spasm
- Tendonitis
- Tennis Elbow
- Nouroparalysis

## **SURGERY**

- Burns
- Decubitus
- Distortion
- Furunculus
- Haematoma
- Oedema
- Pain Relief
- Scars
- Tissue Wounds

GP, NEUROLOGY, ORTHOPAEDY, REVMATOLOGY, VETERINARY etc.