

POWERMEDIC™

“Probably the best laser therapy hand tool in the world”



LASER THERAPY advantages

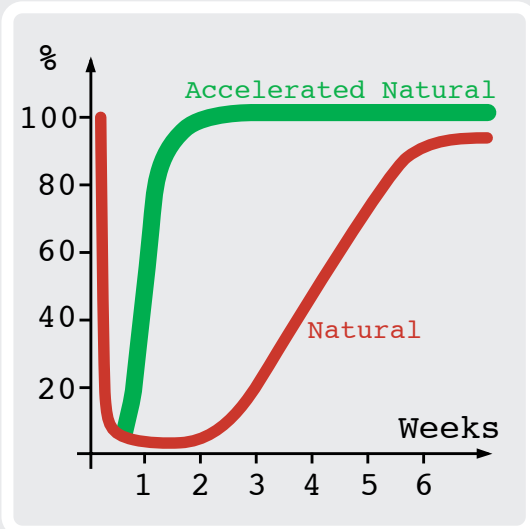
Accelerated Natural Healing™

Low Level Laser Therapy, LLLT, accelerates all phases of the natural healing process. It gives energy to the cells by enhancing the production of ATP, which leads to dramatically increased cell activity. This causes, amongst other things, an accelerated natural coagulation in acute injuries, which leads to a distinct reduction in edema and swelling. LLLT attenuates any inflammation, both in acute and chronic cases.

LLLT enhances cell proliferation, including an increased formation of collagen cells during wound healing. It reinforces the natural immune system, thereby assisting in attacking any foreign organisms such as bacteria, viruses, and fungal infections. It increases blood flow, even in areas with impeded circulation. These factors, all of which have been substantially documented by numerous scientific papers and clinical trials over the last 35 years, lead to: Accelerated Natural Healing™.

LLLT alleviate pain primarily by reducing the causal factors, but it also effectively stimulates the formation of endorphines and encephalines. Low Level Laser Therapy is free from any side effects, it simply helps the body do what it is already programmed to do - only faster.

Performance After Injury



Indications:

The **POWERMEDIC™** laser is CE certified for:

- Arthritis
- Inflammation
- Epicondylitis
- Myofascial pain
- Wound healing

The **POWERMEDIC™** is FDA cleared for pain relief, carpal tunnel syndrome and wound healing.

Applications:

Physiotherapy
Chiropractic
Dentistry
Veterinary
General practice
Wound care
Dermatology
Beauty treatment
Acupuncture

The **POWERMEDIC™** advantages

Ergonomic

The **POWERMEDIC™** is well balanced and rests perfectly in your hand. The controls are placed logically and right at your fingertips.

Wireless

The **POWERMEDIC™** is battery operated and independent of power supply or wall outlet.

Protection goggles not needed

The **POWERMEDIC™** is designed with a very large beam divergence, rendering the use of protection goggles unnecessary.

Uninterrupted operation

The **POWERMEDIC™** comes with two detachable, rechargeable batteries. When one battery is being used, the other battery is recharged in an intelligent charging station. When the active battery is empty, the two batteries are interchanged within seconds and the laser treatment can continue.

5 therapy programs

The **POWERMEDIC™** has built-in 5 different therapy protocols for precise adjustment to each individual therapy situation.

Constant monitoring of output power

The output power is continuously monitored by an automatic surveillance system. If the output power falls below the preset minimum the **POWERMEDIC™** will immediately give an error signal.

Heavy duty design

Sturdy and durable, all metal Scandinavian design, withstands wear and tear of daily use.

The perfect laser therapy hand tool:

Professional practitioners worldwide praise portability and ease of use:

"I carry the PowerMedic in my pocket all the time at the clinic. I use it on nearly all my patients. It is adjusted and ready to go within seconds. No dialing through endless menus. Only 5 settings, from the superficial to the very profound. It can't be easier."

Approvals:

The **POWERMEDIC™** Series are produced under the highest industrial standards in a ISO13485 certified environment.

The production conforms to following standards and specifications:

Annex V, section 3.2 - Production Quality Assurance. EN 60601-2-22:1996.

- 93/42/EEC concerning medical devices.
- Class 2a medical devices.
- Class 3B laser products.

PM500 MkIII



PM1000 MkIII



PM105 MkI



Technical Data

	PM500 MkIII	PM1000 MkIII	PM105 MkI
Output power, total:	100-500 mW	200-1000 mW	105 mW
Wavelength:	808 nm	808 nm	830 nm
No. of laser diodes:	1	3	3
No. of programs:	5	5	1
Output energy:	1-100 Joule	2-200 Joule	3 Joule
Battery capacity:	120 minutes	90 minutes	180 minutes
Recharging time:	90 minutes	90 minutes	90 minutes

Standard Accessories

POWERMEDIC™ basic unit
2 batteries
SmartCharger™ intelligent recharging unit
AC-adaptor, universal 90-270 VAC
(available with EU, UK or US plug)
Instruction Manual
Laser Therapy Manual
Specially designed carrying case

Optional accessories for PL500 MkIII

Accupuncture tip
Light guide for dental use
Light guide for ear and nose treatments

Call Toll Free: 888-734-2226

PowerMedic™ lasers are distributed exclusively through Health First Technologies™

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