



MEDX PHOTOTHERAPY SERIES

Experience the healing nature of light



Laser Light Canada

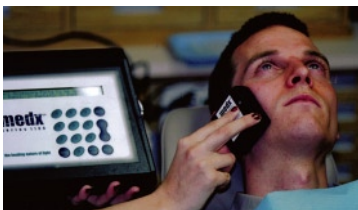
WHAT IS A LOW LEVEL LASER?

- A low level laser is one which works at the cellular level
- A low level laser emits coherent and focused energy that penetrates deeply to stimulate target tissue
- Also referred to as cold laser, low intensity laser or therapeutic laser

WHAT IS A SUPERLUMINOUS DIODE (SLD)?

- An SLD is a high-powered LED
- An SLD delivers a non-coherent broad beam producing evenly distributed visible red and infrared energy over a large area

****The combination of MedX Low Level Laser diodes and Superluminous diodes provide the balanced distribution of light energy that encourages the body to heal itself.**



The MedX Phototherapy Series uses a combination of visible (633nm) and infrared (880nm) diodes to trigger biological changes in the tissue for relief of pain, wound healing, tissue stimulation and prevention of edema.

Kit Description

- MedX 1100 Console with three accessory ports
- Power adapter
- Hand-held low level laser
- 2 Superluminous Diodes (SLDs)
- Velcro straps for hands-free use of SLD's
- MedX Manual, with 5 chapters corresponding to "head to foot" anatomical zones (includes detailed treatment protocols and illustrations for accurate application)
- Patient Glasses
- Clinical Glasses



Note: You can alter your MedX Kit to suit your office needs (For example, getting just 2 SLD's or 3 SLD's, etc.).

Pulsing

Pulsing is most frequently used when optimum results are not obtained during the first couple of treatments or when treatment results start to plateau.

- Low = 8 pulses/second**
- Medium = 146 pulses/second**
- High = 1000 pulses/second**

If therapeutic effects are reduced, switch to pulsed mode in low pulses (8-12Hz)

Benefits of MedX Phototherapy

- Treatment of large muscle groups
- Highly effective TMJ treatment
- Muscle relaxation at end of long procedures
- Option of either pulsed or continuous wavelength treatment
- Allows you to differentiate practice with effective and leading edge technology
- Effective in treating conditions that don't normally respond to traditional therapy interventions
- Attended or unattended (hands-free) therapy
- Simultaneous multiple site treatment options
- This healing method often eliminates the need for drug therapies which are usually accompanied by harmful side effects

Clinical Effects of Photobiomodulation

- Muscle relaxation
- Desensitization
- Pain reduction after dental treatment
- Reduction of pain and swelling
- Internal wound healing
- Stimulation of fibroblasts, Osteoblasts and odontoblasts
- Treatment of nerve injuries, included paraesthesia and trigeminal neuralgia
- Accelerate tissue repair
- Stimulation of Wound Healing

Used For

- Endodontics
- Extractions and Wound Healing
- Facial Pain
- Headache (tension or cervicogenic)
- Temporomandibular Joint Dysfunction (TMJ)
 - Osteoarthritis
 - Herpes Simplex
 - Hypersensitivity
 - Nerve Damage
- Restorative Procedures
- Carpal Tunnel Syndrome
- Treatment of Acupuncture Points
 - Implants
- Gingivitis and Periodontitis

THE HOME UNIT

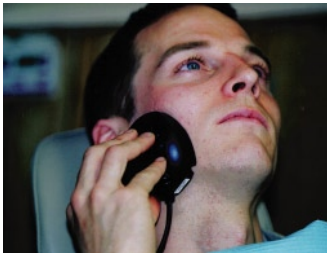


"An Invaluable Tool for any Health Practice"



What is the Home Unit?

The MedX Home unit is a lightweight and user-friendly unit that uses hands-free superluminescent diodes (SLDs) to administer phototherapy treatments in the comfort of the patient's home.



Protocols are programmed by the clinician, with a set number of days for use to ensure it and the patient return to the clinic.

Device Description

- A maximum of 5 different protocols can be programmed into the console allowing for the patient to treat different areas
- Multiple Wavelength Diodes: near infrared GaAlAs diodes (880nm) and visible red diodes (633nm), allowing for even distribution of light energy over the entire area
- Pulsing: Low (8Hz), Medium (146Hz) and Hi (1000Hz)
- SLD has 40 diodes/cluster (40 infrared diodes and 9 visible red diodes)
- Can be strapped-on for hands free application, allowing unattended treatment

Benefits of the Home Unit

- Allows patient to treat themselves in the comfort of their own home
- Effective pain relief after oral surgery, perio surgery, implants or TMJ treatment
- Hands-free superluminescent diode technology allow easy treatment in a comfortable environment
- The home unit can be rented out to patients offering the dentist a return on investment within a month

MEDX LASER SERIES AND HOME UNIT ARE APPROVED BY HEALTH CANADA, TRP AND FDA, CDRH



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