

Experience The Healing Nature Of Light

Reduced Pain and Faster Healing • Build YOUR Practice • Increase Revenue



MedX Dental Console

MedX Dental Console system combines a cradle with low level laser and light therapy clusters to provide the full spectrum of dental treatment including intra oral and extra oral applications. This offers the entire dental staff a proven, drug-free solution to eliminate pain and accelerate soft and hard tissue repair.

Fast and easy set up, 1 - 2 minute treatment, results in an opportunity to do better dentistry... and see a return on investment.

Thirty five years of experience worldwide. Over 325 dental research studies reporting positive effects of laser therapy in more than 90% of the trials.

Effectively control pain and decrease swelling from invasive dental procedures as well as accelerate healing.

Finally... the combination of MedX low level laser and light therapy is affordable... more powerful, providing shorter treatment times, and is less expensive than the competition!



Effects of Low Level Laser and Light Therapy

- Eliminate or significantly reduce pain
- Accelerate soft and hard tissue repair
- Decrease inflammation
- Minimize swelling
- Reduct dentin desensitvity
- Stimulate fibroblasts, osteoblasts and odontoblasts
- Accelerate orthodontic mobility
- Relax muscles





The Pain Stops Here



EXPERIENCE THE BENEFITS OF LOW LEVEL LASER THERAPY ... AT THE SPEED OF LIGHT

Dental Uses:

Surgery and extractions

Promote healing, reduce bleeding during and post extraction, minimize likelihood of dry socket, decrease post-operative pain, increase bone regeneration.

Pediatric anesthetic

Eliminate use of needles for class I and II procedures.

Implants and crown preparation

Post-operative muscle/joint relaxation, pain reduction, minimize swelling and bruising, better osseointegration, decrease post-operative sensitivity.

Endodontics

Decrease pain and inflammation, minimize dentin hypersensitivity. Post-operative muscle relaxation.

Soft tissue lesions

Accelerate healing, decrease swelling and pain, reduce risk of recurrence. Example - herpes simplex, aphthous ulcers and denture lesion.

Deep Scaling

Less pain and discomfort post procedure.

Dentin Hypersensitivity

Decrease pain and dentin hypersensitivity.

Periodontics

Decrease swelling, inflammation, minimize pain and accelerate healing. Example - gingivitis, gum flap surgery.

Differential diagnosis of hyperemic pulp

Increase blood flow to area, decrease inflammation, decrease pain or potential need for root canal.

Facial Pain

Decrease pain, muscle relaxation, improve prognosis. Example - TMD, neuralgic pain or neural trauma.

Benefits of Low Level Laser & Light Therapy:

- Reduce analgesia for most primary restorations
- Eliminate or significantly decrease pain for more satisfied clients (e.g. post operative pain, swelling or bruising decreased)
- Word of mouth referrals from happy patients
- Treat conditions often unresponsive to traditional forms of therapy. Example - TMD, facial pain, sinusitis or paraesthesia
- Decrease need for drugs often associated with side effects
- Differentiate your practice, market low level laser therapy, an innovative technology
- Easy to use and delegate to hygienist and dental assistants
- Accelerate orthodontic teeth mobility

MedX Dental Console Low Level Laser and Light Therapy System includes:

- MedX Console 200mW near infrared laser and two SLD (superluminescent diodes) clusters with a combination of visible red and infrared.
- MedX Dental Treatment Protocols and Quick Reference
- Power Supply
- Two standard pairs of laser safety goggles - patient and clinician (premium goggles also available as an option)

MedX 1100 Console

Category	Specification
Ports	3 outputs for low level laser and SLD accessories
Duty Cycle	100% (continuous mode) or 80% duty cycle with three pulsing modes:
Frequency Settings	1 (Low) - 8 Hz, 2 (Medium) - 146 Hz, 3 (High) - 1000 Hz
Main Power	UL 2601 approved power adapter AC Input: 100 - 240 V _{AC} , 47-63 Hz, 2A DC Output: +12V _{DC} , 2.94A, Max 35W
Output	12V _{DC} 0.5 A/port maximum

MedX LPT200 Dental Laser Accessory

Category	Specification
Laser Diode	GaAlAs
Laser Safety Classification	Class IIIb
Laser Wavelengths	808nm
Guide Light	Three 633 visible red LEDs
Duty Cycle	100% (continuous mode) or 80% duty cycle for pulsed setting
Optical Output Power	200mW +/- 10% at 808nm
Treatment Area at Tip	10mm ² (8mm diameter)
Dimensions	23cm x 8cm x 4cm
Weight	140g (not including fiber optic guide)

MedX 502 SLD Cluster

Category	Specification
SLDs	GaAlAs and visible red diodes
FDA Regulatory Classification	Class II
Irradiance	22mW/cm ² +/- 20%
Duty Cycle	100% (continuous mode) or 80% duty cycle for pulsed setting
Optical Output Power Continuous Mode	52 x 10mW +/- 20%, 870nm Near IR diodes; 9 x 1mW +/- mW +/- 20%, 633nm red diodes Total power 500 +/- 20%
Energy Delivery	1 Joule/cm ² per 45 seconds, 1 Joule per 2 seconds
Treatment Area	22.5cm ²

Faster, safer pain relief, reduced inflammation, accelerated healing and a rapid return on investment.



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