



DIABETIC FOOTCARE

Setting Benchmarks in Healthcare Since 1985



COMPREHENSIVE DIABETES SOLUTIONS

IR - LED Therapy - For Pain and Wound Health Management

DESCRIPTION –

- IR LED Light therapy is a device with a combination of IR Light & LED emitters, it will concentrate more on pain management, and wound recovery, to relieve muscle distraction.
- Although the LED Light wavelengths from 630 to 700 nm penetrate tissue to a depth of about 10 mm.
- This light wavelength is very beneficial in treating problems close to the surface such as wounds, cuts, and scars and it is effective in treating infections.
- Infrared light (800-1000 nm) penetrates to a depth of about 40 mm and deeper, making it more effective for treating organs and relieving ailments of deep muscle tissue, and joints.
- The lights deliver monochromatic light waves are safe concentrated light sources used to produce the specific wavelengths of light that provide therapeutic benefits of light therapy without adverse side effects.
- The treatment pad contains 30 super luminous IR diodes and 20 light-emitting diodes. LED brings the optimal results after 6 months of treatment of 30-40 minutes duration.



FEATURES –

- Regulating control for therapy.
- Effective pattern of operations.
- Improve lymphatic systems operations in blood circulation.
- Improving collagen protein protection.
- Improved stimulation on Fibroblast activity.
- Effective release of ATP (Adenosine Tri - Phosphate) and acetylcholine.

SPECIFICATIONS –

- Voltage: Input Voltage - 230V AC 50 Hz
- Power & Joules - Output Power - 4.8 watts (or) 4.8 J/S (joules per second)
- Current - Output Current - 400mA^j
- Wavelength - 1, RED LED Wavelength = 600 to 700 nm | 1, IR LED Wavelength = 800 to 900 nm
- Modes - 1, Continuous mode & Blink mode for LED operation Mode:2, Set mode and run mode
- Time - 1 minute to 60 minutes for LED operating time
- Channel - Channel operation is -
- Channel 1 & 2 Channel 3 & 4

ON	ON
ON	OFF
OFF	ON
OFF	OFF
- Display - Liquid Crystal Display (LCD) 16*2 Uses 16 Columns * 2 Rows



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