

iLux

LIGHT POD



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Effective and safe from the very first use

iLux Light Pod is an advanced laser platform designed for use in podiatry - to meet current and future needs of the podiatrist.

The result of Mectronic's 30 years of technical know-how, today iLux Light Pod represents a reference point for laser therapy for podiatry.

A 360° rehabilitation and podiatry tool

iLux Light Pod is able to offer a wide range of settings and customisation, effective therapy for all your needs.

A light, portable laser

iLux Light Pod emits laser light in continuous, pulsed, super-pulsed, and E²C stochastic mode.

An interactive experience

The touch-screen guides you through therapy management in a simple, intuitive way; effective from the very first use.

Exclusive Triax System

Triax is the patented 3 laser wavelengths system (810nm + 980nm + 1064nm) which allows you to maximize the therapeutic results.

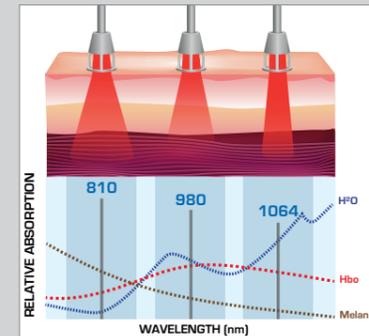


PATHOLOGIES:

- Ulcers, wounds, injuries, perilesional points, edemas and hematomas
- Plantar fasciitis, bunion, foot spur, talalgia and metatarsalgia
- Onychomycosis
- Warts
- Arthrosis
- Consequences of fractures
- Tendinitis
- Areas to be treated with germicidal effect

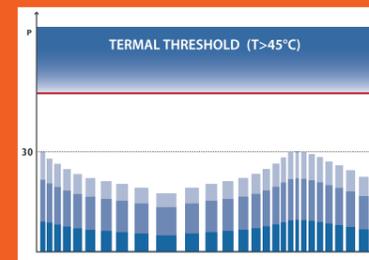
TRIAx SYSTEM

The innovative Triax system is the result of an international patent and incorporates three wavelengths (810nm + 980nm + 1064nm) for excellent therapeutic results. This technology makes iLux Light Pod an even more powerful and flexible tool.



UNIQUE WITH 7 EMISSION MODES

With a simple setting it is possible to choose between 7 emission modes, each with different benefits and characteristics - a range of possibilities with which to best treat the chronic and acute problems of patients.



E²C

iLux Light Pod uses a patented E²C stochastic laser emission system. Thanks to its natural thermal mode, E²C allows therapeutic results to be maximized with total safety, limiting the thermal effects on tissues.

MRT SYSTEM

iLux Light Pod has an "Magnetic Release Technology" MRT System owns a finger switch, and a variety of laser applicators, as a Standard divergent, the Zoom-Focusable, the Deep Tissue therapy, ENT and Sapphire Surgery, making iLux Light Pod a multi-task device for podiatry.



COMPACT AND POWERFUL

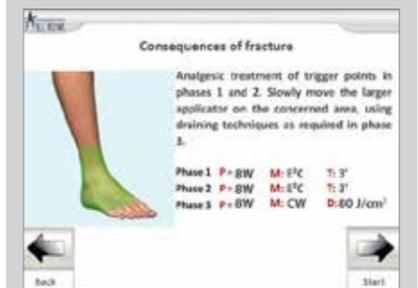
iLux Light Pod is light, compact, and easily portable. There are endless combinations of power and wavelength: up to 15W of effective power. From a unit which weighs just 3kg.

THE POWER OF LIGHT

The high energy of iLux Light Pod, together with the precision and depth of action, allows this device to achieve excellent results with muscular and skeletal pathologies and in particular with foot pathologies. The protocols which have been developed allow fast resolution of a range of common complaints, guaranteeing fast physical recovery, which can be seen from the first application.

INTERACTIVE PATHOLOGIES

iLux Light Pod contains a large interactive database containing over 60 pathologies which guides the operator through the treatment. 3D illustrations and step-by-step explanations provide clear and simple instructions for the operator, guaranteeing reliability and precision starting from the very first use.



MEC OS

Thanks to its Real-Time MecOS operating system, iLux Light Pod is a genuine interactive and robust experience. The high performance 5.7" touch screen, together with the functional, intuitive software, are ideal for high level efficient therapy.



THERAPEUTIC APPLICATIONS



Onychomycosis

iLux Light Pod offers treatment of onychomycosis which is side-effect and drug free, as well as being fast and effective. Thanks to iLux Light Pod it is easy to perform procedures to safely kill parasitic fungi which have infected a patient's nail. iLux Light Pod guarantees quick recovery times and effective treatment with great patient satisfaction.



Warts

The deep and selective laser light absorption of iLux Light Pod induces coagulation of blood vessels feeding the wart, causing subsequent necrosis. Thanks to the iLux Light Pod multi-mode emission and its special wart applicator, anesthesia is not required and it is not necessary to remove any extra tissue or special post-procedure skin care.



Ulcers, wounds and injuries

iLux Light Pod allows fast and safe treatment of vascular ulcers, diabetic ulcers, injuries, wounds and perilesional points. The best therapeutic compliance is achieved with the innovative technology at 2000mW, 650nm.



Post traumatic

Thanks to the intense analgesic, anti-inflammatory, antiedema and biostimulating action iLux Light Pod can be used during the post traumatic phase to accelerate recovery. iLux Light Pod is effective on pain and joint mobility from the first session, providing immediate relief to the patient and allowing you to quickly start the rehabilitation program.



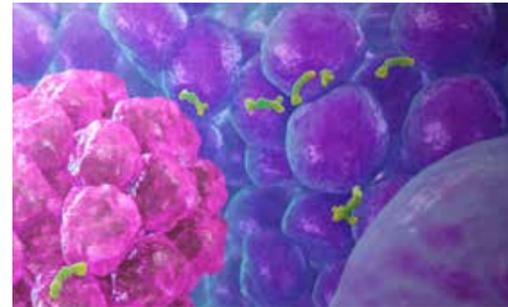
Antibacterial

The multi-mode laser light of iLux Light Pod has an intensive germicidal action that accelerates the healing process, reducing the chance of recurrence.



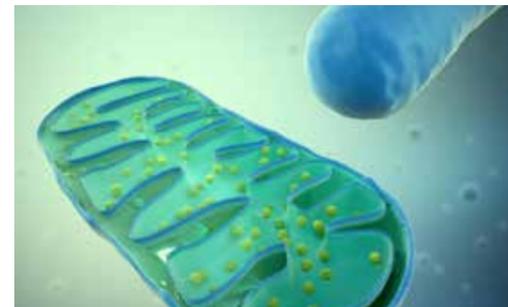
Analgesic

Rapid pain relief with no side effects. Thanks to the innovative emission mode, iLux Light Pod allows energy modulation, optimizing the interaction with the peripheral nervous system, to combat muscular and joint pain quickly, such as neuropathic problems.



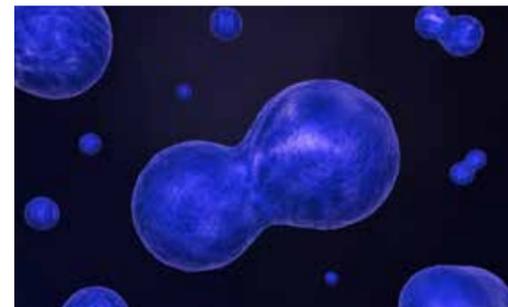
Anti-inflammatory

iLux Light Pod modulates the inflammatory processes thanks to its deep stimulation of tissues, triggering vasodilation, increasing oxygenation and therefore activating the main metabolic activities.



Bio-stimulant

iLux Light Pod works by facilitating energetic cellular processes, increasing the remodelling of tissues by stimulating the production of collagen.



Anti-edema

iLux Light Pod stimulates the phenomenon of angiogenesis in the tissues. The production of neovascularization balances, in the post-trauma period, peristalsis favoring restoration of microcirculation and the collection of liquids produced in excess by inflammatory phenomena.



TECHNICAL SPECIFICATIONS

Technology	Custom MecOS Real-Time operating system
Wavelength*	650 nm 810 nm + 980 nm 1064 nm 1064 nm + 810 nm 810 nm + 980 nm + 1064 nm
Guide Light	650 nm - 3 mW
Laser power*	Up to 15 W
Emission	Continuous (CW), Pulsed, Super-pulsed, and E ² C (patented stochastic mode)
Operating Modes	Manual, Single Pulse, Burst and Custom mode
Special Modes	Joule, Timer and Trigger point modes
MRT System	Handpiece with a finger switch and magnetic release technology, with a variety of applicators: Standard Divergent, Zoom-Focusable, Deep Tissue, Sapphire, ENT and Surgical.
Calibration	Graphic and acoustic control system for laser emission at handpiece based on normative CEI EN 60825-1
Display	TFT 5,7" colour touch-screen
Power Supply	100÷240V 50÷60Hz
Electrical Input	160 VA
Dimensions	320 x 245 x 130 mm
Weight	3 kg
Laser Class	IV
Compliance	IEC/EC 60601-1 60601-1-2
Directive 93/42	IIb Classification

*Depending on the model (see table)

Model	Wavelength	Power	Code
iLux Light 810+980	810 nm+980 nm	5W	iLD5
		10W	iLD10
		15W	iLD15
iLux Light 1064	1064 nm	10 W	iLYag10
		15 W	iLYag15
iLux Light 1064 + 810	1064nm+810nm	10W	iLYagD10
		15W	iLYagD15
iLux Light Triax	810 nm+980 nm +1064 nm	10 W	iLTriax10
		15 W	iLTriax15
iLux Light Red	650 nm	500 mW	iLRed500
		2000 mW	iLRed2000



MECTRONIC MEDICALE srl
Via Orio al Serio, 15
Grassobbio (BG) Italy

tel: +39 035656080
fax: +39 035657361
www.mectronicmedicale.com
info@mectronicmedicale.it

