



Technical Data



Technology	Mectronic's own MecOS 2.0 Real-Time Operating System
Shockwave Technology	Compressor free ballistic radial shockwave therapy-system with electromagnetic generator as projectile accelerator
Power levels/energy	Energy levels from 50 mJ (< 1 bar) to 200 mJ (> 5 bar); adjustable precisely in steps of 10 mJ
Frequency	1-25 Hz (with all the energy levels)
Modes	Continuous, Burst and Swing
Effect mode	5 specific emission modes to maximise the 5 main effects: Bio-stimulant, Analgesic, Anti-inflammatory, Anti-edema and Tension Relief.
Pathologies	Over 60 pathologies with interactive illustrations, with protocols sub-divided by phase
Display	Colour TFT Touch - screen 5.7"
Supply	100 ÷ 240V 50 ÷ 60Hz
Absorption	250 VA
Dimension	320 x 245 x 130 mm
Weight	2 Kg (case) - 0,95 kg (handpiece)
Certification	CE 0068



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PULSWAVE

A new era in shockwave therapy

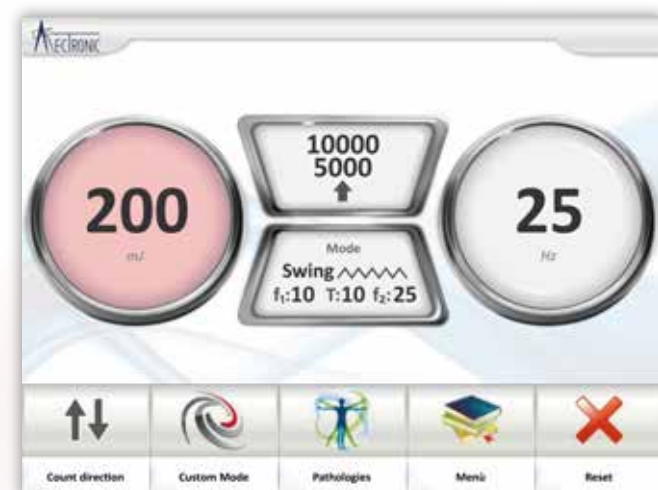


PULSWAVE

5 million shots guaranteed

The new shockwave therapy frontier

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



Pulsed Frequency from 1 to 25 Hz

Energy levels from 50 mJ (< 1 bar) to 200 mJ (> 5 bar) adjustable precisely in steps of 10 mJ

A light and powerful shockwave system

PulsWave emits in Continuous, in Burst (adjustable from 2 to 90) and in the innovative Swing mode.

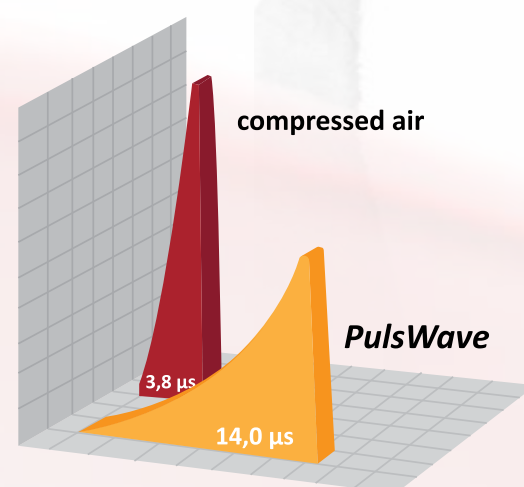
A 360° rehabilitation tool

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

An interactive experience

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

Ultra Soft Pulse



Unique PulsWave “Ultra Soft” shockwave

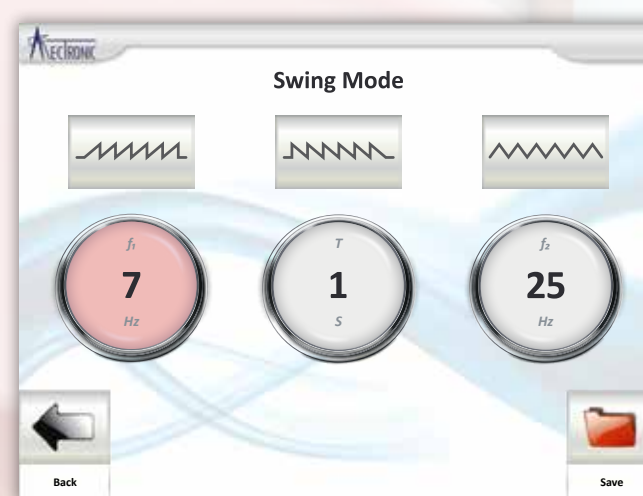
PulsWave creates unique shockwave pulses by using a projectile 5 times heavier than standard air-pressure systems and a reduced final velocity upon contact with the applicator.

The longer pulse rise time maintains the energy without the need for unpleasant high peak pressure amplitudes.

The lower peak and longer rise time minimize the stinging, painful sensation normally related to this therapy. Increased patient compliance results with easier treatments at higher energy levels.

*Less pain, same energy
Ultra soft shot technology*

Innovative Swing Mode



The innovative Swing Mode allows us to set a variable multifrequency shock wave treatment. The user could set start frequency, end frequency, time duration and the swing mode shape. This technology makes PulsWave an even more powerful and flexible tool.

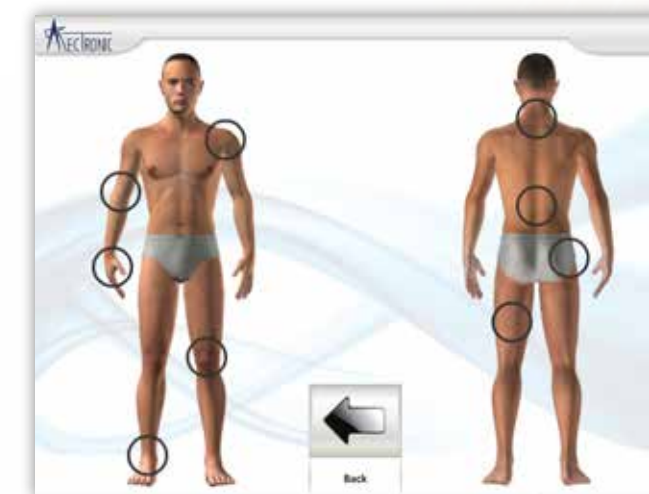
5 million shots guaranteed



PulsWave, thanks to the innovative MagPulse electromagnetic generator, generates up to 5000000 shots guaranteed, becoming one of the most durable shock waves and allowing quick and safe return on investment.

Interactive pathologies

PulsWave 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.



3D protocols by phases, and effect modes

Mectronic's new MecOS 2.0 software is a wholly interactive experience. Thanks to the new 5.7" colour touch screen, visual explanations of protocols featuring detailed 3D images. Furthermore, the on-board guide gives at-a-glance information on the main functions of the software and allows functions to be learned. With PulsWave, shockwave therapy no longer has boundaries!

