



PULSWAVE PLUS

SHOCKWAVES EQUIPMENT



SHOCK WAVE EQUIPMENT, EFFECTIVE AND POWERFUL

Thanks to continuous technological and therapeutic research, Mectronic has developed **PulsWave PLUS**, the shock wave device based on electromagnetic technology: a non-invasive and extremely effective therapy in numerous pathological situations..

WIDE RANGE OF POWERS

UP TO 200 mJ

WIDE RANGE OF FREQUENCIES

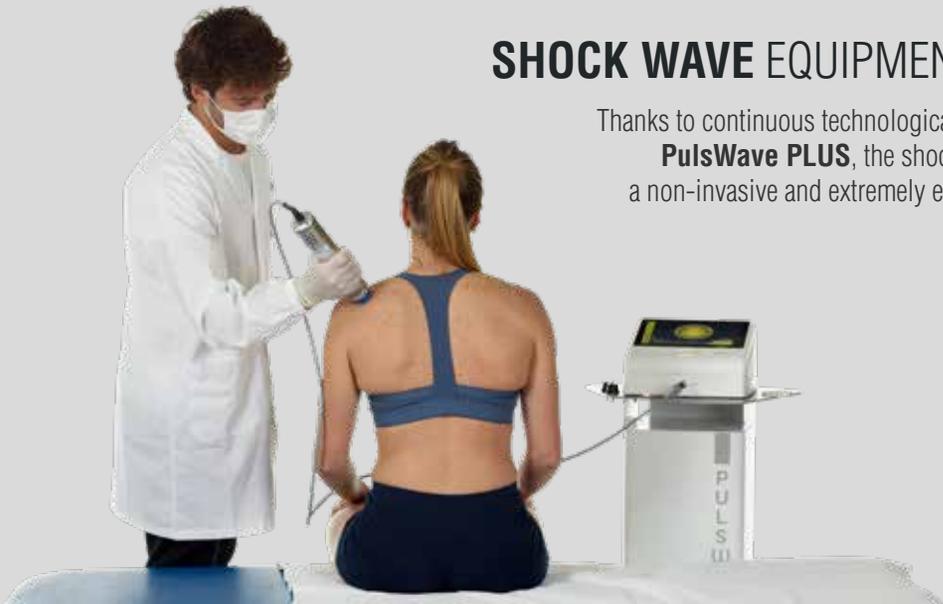
UP TO 25 Hz

ENERGY SUPPLY

FOR A PROPER CLINICAL DOSAGE

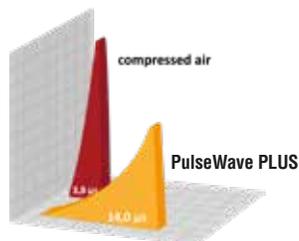
PERFORMANCE WITHOUT COMPROMISE

5 MILLIONS SHOT GUARANTEED



ULTRA SOFT SHOT

PulsWave PLUS shockwave therapy generates unique and innovative high-energy acoustic waves using a bullet that is 5 times stronger than standard systems. Thanks to a longer impulse rise time, it is possible to generate the same energy avoiding annoying pressure peaks.



MAGPULSE SYSTEM



The **PulsWave PLUS** device is equipped with the advanced and innovative **MAGPULSE** electromagnetic generator with minimal eddy currents, thanks to which

it is possible to generate Ultra Soft Pulse with high therapeutic compliance, thus allowing to generate up to 5 MILLION guaranteed shots.

5 MILLIONS

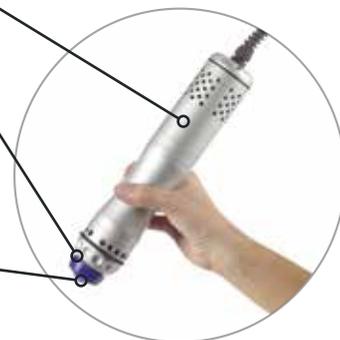
shots guaranteed

INTERCHANGEABLE HEAD

to maximize the therapy results



BIOCOMPATIBLE CAP



SCIENTIFIC RESEARCH

"EFFECTS OF RADIAL SHOCK WAVES THERAPY ON OSTEOBLASTS ACTIVITIES"

Notarnicola A, Tamma R, Moretti L, Fiore A, Vicenti G, Zallone A, Moretti B. - Epub 2012 Jul 27



Sara Loda - Capitano VOLLEY BERGAMO

THERAPEUTICAL PROTOCOLS



PulsWave PLUS has an interactive menu with the possibility of using therapeutic protocols specially designed and divided according to the anatomical area to be treated.

It is also possible to create and save customized protocols, choose to treat the patient according to the effect to be obtained or select one of the non-localized pathologies present.

REAL-TIME UPDATE

PulsWave PLUS has a USB socket on the back of the device, thanks to which it is possible to constantly update the software.



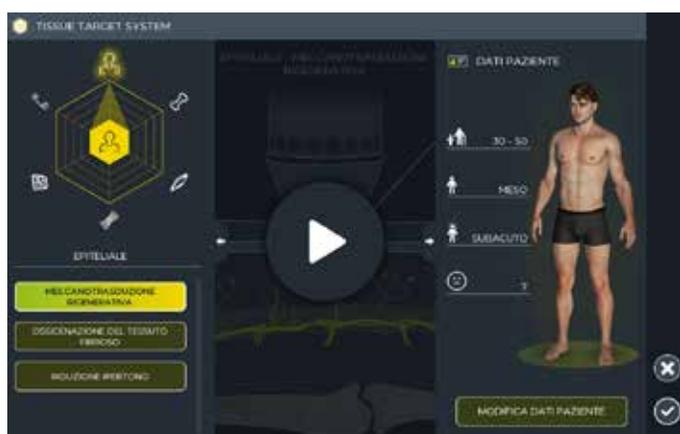
SWING MODE

The innovative Swing mode allows you to create a multi-frequency shock wave treatment. With this mode, the frequency of emission varies during the treatment, allowing the therapy to perform well on the different tissue targets.



Francesca Marcon - VOLLEY BERGAMO

TISSUE TARGET SYSTEM



Thanks to the Tissue target system, it is possible to set the therapy according to the type of tissue that will be treated, the desired effect and the patient's characteristics, for an increasingly precise and personalized calculation of the therapeutic dose.

TECHNICAL SPECIFICATIONS

SOFTWARE	Real-Time Operating System owner MacOS 5.0
SHOCK WAVES TECHNOLOGY	Shock wave device with electromagnetic generator
ENERGY LEVELS	From 50 mJ (< 1 bar) up to 200 mJ (> 5 bar) with step of 10 mJ
FREQUENCIES	1-25 Hz (with all levels of power)
MODE	- Continue - Burst - Swing
EFFECTS MODE	Protocols for maximizing the main effects : - Biostimulating - Anti-inflammatory - Decontracturant - Anti-edema - Antalgic
PROTOCOLS	- Over 90 preset protocols - Creation of custom protocols
TISSUE TARGET SYSTEM	Possibility to set the therapy according to the type of tissue that will be treated, the desired effect and the characteristics of the patient
DISPLAY	Color touch display IPS HD 10,1" capacitive
SUPPLY	100÷240V 50÷60Hz Fusible 2x2 AT
ABSORPTION	250 VA
WORKING TEMPERATURE PARAMETERS	0-30° C - Relative humidity: between 30 and 75% without condensation - Pressure: between 700 and 1060 hPa
TRANSPORT CONDITION	-10° ÷ 55° C - Relative humidity: between 10% and 100% without condensation - Pressure: between 500 and 1060 hPa
IP CLASSIFICATION	Device: IP Handpiece: IPX0 Pneumatic Foot Switch: IPX4
SIZE	- without cart: 295 x 265 x 150 mm - with cart: 516 x 516 x 1017 mm
WEIGHT	- without cart: 4 Kg - with cart: 24 Kg - handpiece: 0,9 Kg
CERTIFICATION	CE0051
GARANZIA	2 ANNI / 5.000.000 di colpi garantiti*

*Prior Mectronic verification

ACCESSORIES

INCLUDED



Small applicator
cod. 20AP.PW-P
Ø 6 mm



Medium applicator
cod. 20AP.PW-M
Ø 15 mm



Large applicator
cod. 20AP.PW-G
Ø 24 mm



Pulswave handpiece
cod. 20MAN.PULSW



Pneumatic Footswitch
cod. 20PE.PNEUM



**Biocompatible silicone cap
(3pz.)**
cod. 30CAP-B *



**Pneumatic Footswitch
with Pulswave base**
cod. 20PE.PLW.C+P



PLUS trolley (Pulswave version)
cod. 30CL.PLS-S
516 x 516 x 840 mm



Power cable
cod. CV/1

OPTIONALS



Flex Bag NYL
Cod. 30BO.F-MM



**Holder for Pulswave
Handpiece**
Cod. 50ME.PM-PW

*the code refers to a single unit

OUR SPORT PARTNERS



TECHNICAL SUPPLIER
MEDICAL EQUIPMENT



Mectronic
FORNITORE UFFICIALE
ATALANTA B.C. 2019/20



FINP
FEDERAZIONE ITALIANA NUOTO PARALIMPIO



**THE VOLLEYBALL
FEDERATION
OF RUSSIA**



"PAPU" Alejandro Gomez

MECTRONIC MEDICALE s.r.l.

Via Orio al Serio 15, 24050 Grassobbio (BG) - ITALY
Tel: +39 035656080 | Fax: +39 035657361



www.mectronicmedicale.com | info@mectronicmedicale.it

Kindly notice that the technical data, information and illustrations contained in this document maintain a purely indicative value. MECTRONIC MEDICALE S.r.l. reserves the right to modify the data, drawings and information contained in this document.

Mectronic_BRC_EN_LPF_A4_20-11_002