

Shockwave therapy

With broad spectrum of indications in the area of orthopaedics/
rehabilitation, with low application costs





Shockwave therapy

PHYSIOIMPACT-Expert

High-energy shockwave therapy



Illustration includes optional unit trolley

The high-energy PHYSIOIMPACT-Expert enables a targeted, gentle and effective extracorporeal shockwave therapy. In addition to access via indication- and trigger-point index or the patient database, all parameters can also be individually selected.

The intelligent coupling of shockwave intensity and treatment frequency in the alternating or stepped treatment is outstanding. A constantly controlled change of intensity and frequency takes place during a treatment cycle, making treatment possible that is gentle on the cells. The self-healing powers of the body can

be stimulated immediately during the treatment, which could be shown by the toleration of higher energies.

The ergonomic handpiece with overlaid material properties can be deployed with four different-sized applicator attachments, which are specially tuned to the different indications.

Shockwave therapy

Shockwave therapy has been successfully used in urology for around three decades. For some time now it has also proved successful in modern pain therapy and trigger point treatment. The term 'shockwave therapy' refers to mechanical pressure pulses that are used in the human body for a therapeutic effect. The pulses expand as a wave, and when applied to the areas for treatment, stimulate the body's regenerative capabilities.

Shockwaves influence large areas of the disease-affected body areas and speed up the self-healing process in a targeted manner. The metabolism is improved and blood circulation is stimulated locally to allow inflamed or damaged tissue to regenerate faster. Furthermore, painful calcific deposits in joints can be dissolved with shockwave therapy, so that in time they are absorbed, transported and released from the body over the bloodstream. Another application area is the treatment of trigger points. Triggers are painful knots around muscles and sinews. They often cause pain that need not necessarily occur near the trigger point, but in completely different areas of the body (remote trigger points).



Treatment of Greater Trochanteric Pain Syndrome



SPECIAL FEATURES

Treatment with mechanical pressure pulses

Compact design: small handy unit with case for the handpiece

Particularly suitable for mobile use, e.g. house visits

Operation via high-resolution 12.1" color touch screen

Pulse counters for handpiece and module

User-oriented diagnoses

High treatment frequency

Frequency: 1–22 Hz

Max. pressure: 6.9 bar / 5 bar working pressure

Min. pressure: 0.4 bar – adjustable in increments of 0.2 bar

Operating modes: continual, dynamic

Pressure modulation and frequency modulation

Max. energy density: 0.72 mJ/mm²

Treatment protocols with 55 physiotherapeutic applications

Patient database with up to 1,000,000 expandable entries

Anatomical 3D application images

Windows CE operating system with PC interface

4 applicators

2,000,000 pulses with the examination kit

Safe and easy installation of the examination kit

TECHNICAL DATA

Protection class	1, type BF
Mains supply	230 V~
Mains frequency	50 Hz
Max. pressure	100 bar / 6.9 bar / working pressure 5 bar
Intensity levels	1–20 increments (single increments)
Pulse frequency	1–22 Hz
Functional principle	pneumatic
Dimensions (W x H x D)	340 x 230 x 320 mm
Weight	Unit: 11kg, handpiece: 800 g, case with handpiece: 2 kg

STANDARD ACCESSORIES

[1]	Handpiece
[1]	SM applicator attachment, 12 mm
[1]	MM applicator attachment, 14 mm
[1]	LM applicator attachment, 20 mm
[1]	XXLP applicator attachment, 36 mm
[1]	Insulating gel 250 ml
[1]	Cleaning kit
[1]	Power cable
[1]	Case for handpiece

OPTIONAL ACCESSORIES

[1]	MT applicator attachment, 14 mm, pain therapy, deep trigger points
[1]	Unit trolley, dimensions 110 x 43 x 45 cm

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