

ALTIUS GRUPPEN

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Intelect Focus Shockwave

The New Focus Shockwave: Greater Power & Depth for Better Treatment

In Extracorporeal Shockwave Therapy (ESWT), a wave is produced by a small explosion generated underwater inside an 'applicator'. This wave is focused through a lens and transmitted into the tissue.

The focused shockwave can be electromagnetically generated; it has high energy, around one hundred times more powerful than a Radial Pressure Wave, making it optimum for a range of conditions in urology, orthopaedic indications, cardiology and neurology.

Deep therapy regions can be treated safely and reliably with focused shock waves. The large focal zone provides enhanced targeting precision.

Technical Information

F-SW operating mode	Single shock, continuous shock 1–8 Hz
F-SW energy selection	in steps from 0.01 to 0.55 mJ/mm2
Ambient air pressure during use	800 – 1060 hPa
Air humidity	5 – 95%, non-condensing
Control device weight	22.1 kg
F-SW handpiece weight	770 gr
Housing dimensions	(W x H x D) 450 x 165 x 530 mm
Classification according to MDD	Class IIb device
Protection against the ingress of water	IPX1

Key Features

- LCD touch screen
- Enhanced Energy: 0.01 - 0.55mJ/mm2
- Broad Frequency Range: 1 - 8Hz
- 3 standoff variations
- 12.5 cm penetration with pinpoint focus



Enhanced Energy: 0.01 - 0.55mJ/mm2

Broad Frequency Range: 1 - 8Hz

Pulse Counter

Weight - 23kg



The Focus Shockwave has the capability of reaching 1000 bar, offering greater flexibility and potency than RPW units. The 3 standoff heads allow for customised, patient-specific treatment. The penetration depth means that even deep-rooted problems can be addressed.



Focus Shockwave treatment has been thoroughly researched and documented. Here are some clinical studies that support the efficacy of the treatment:

Frairia R, Berta L, Biological effects of extracorporeal shock waves on fibroblasts. A review., Muscles Ligaments Tendons J. 2012 Apr 1;1(4):138-47.
Mani-Babu S, Morrissey D, Waugh C, Screen H, Barton C, The effectiveness of extracorporeal shock wave therapy in lower limb tendinopathy: a systematic review., AmJ Sports Med. 2015 Mar;43(3):752-61. Gerdesmeyer L, Mittermayr R, Fuerst M, Al Muderis M, Thiele R, Saxena A, Gollwitzer H, Current evidence of extracorporeal shock wave therapy in chronic Achilles tendinopathy., Int J Surg. 2015 Aug 29. [Epub ahead of print]

Targeted Pain Relief

Shockwaves are used to treat a wide range of pathologies in areas such as bone healing, tendinopathies, muscular trigger points/myofascial pain, dermatology, wound healing, spasticity and impotence (erectile dysfunction). It can be easier to find deeper, painful, diffuse trigger points with shockwave therapy than with palpation.

Due to the high energy levels of the Focus Shockwave we recommend ultrasound imaging before treatment.



Epicondylitis



Calcific tendinitis



Tibial stress syndrome



Heel spur



Patellar tendinitis



Trapezius muscle



Achillodynia



Plantar fasciitis

Accessories

Part Number	Product Description
21090	Intelect F-SW Set ROW including:
- 21095	Intelect F-SW ROW unit
- 19000	F-SW Handpiece
- 4600	Water bag
- 4700	Silicone oil
- 4248	Gel bottle
- 13-00061	Operating manual
- 0.0032.012	Power cord EU
4650	F-SW cart (optional)

F-SW Hand Piece Accessories

19100	Stand-off I (30mm)
19200	Stand-off II (15mm)
19300	Closing ring for stand-off I and II

Intelect F-SW Cart



Focused Treatment

F-SW – focused shock waves

Focused shock waves are preferably used in the treatment of deep target areas. The extracorporeal, focused shockwave permits precise diagnosis and therapy of active latent trigger points. Focused Shockwaves can penetrate approximately 12 cm with pinpoint focus.

Breaking things down

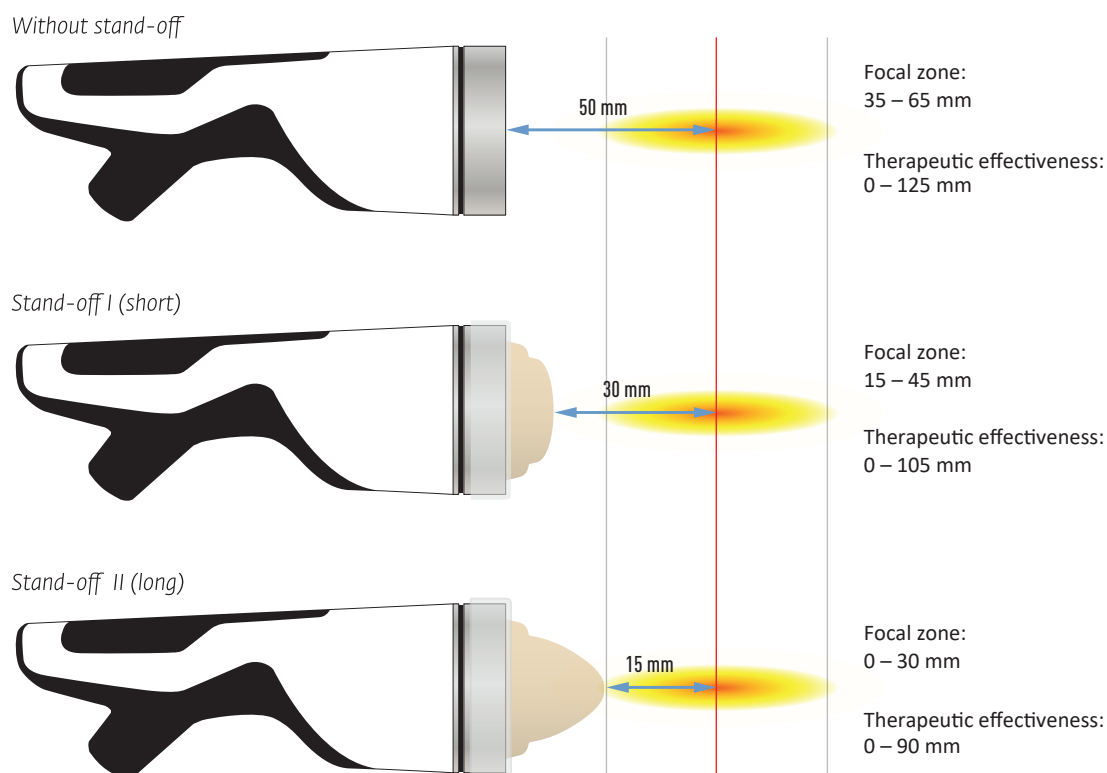
Unlike the Radial Pressure Wave, the Focus Shockwave's power allows it to disintegrate calcifications, stones, and growths as well as providing the standard benefits of shockwave therapy:

- 1) Activation of the Healing Cascade
- 2) Enhanced Blood Flow
- 3) Tissue Regeneration

3 Standoffs For Tailored Treatment

The standoffs provide treatment options. The shorter the standoff head, the more powerful the shockwave and the greater the penetration depth. The longer the head, the more precise the focal zone.

Stand-offs and penetration depths of the F-SW handpiece



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300.000,-	0 %	6.100,-	7.300,-	9.350,-	13.500,-
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200.000,-	0 %	4.100,-	4.900,-	6.250,-	9.000,-
200.000,-	10 %	3.650,-	4.400,-	5.650,-	8.100,-
100.000,-	0 %	2.100,-	2.450,-	3.150,-	4.500,-
100.000,-	10 %	1.815,-	2.200,-	2.810,-	4.100,-
50.000,-	0 %	1.100,-	1.250,-	1.600,-	2.250,-
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Alle priser oppgitt er eks. mva, frakt kommer i tillegg. Det tas forbehold om endelig kredittgodkjenning av Nordea Finans som må foretas i hvert enkelt tilfelle.



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