

Indication

A non-invasive treatment option for patients with heel pain due to chronic proximal plantar fasciitis.^{15,16}

Features

LCD touch screen

For easy control

Transportable

Not limited to one room or facility

2 stand-off variations

For optimum therapeutic effectiveness

4.7" penetration with pinpoint focus*

Can target deep tissue

Enhanced Energy: 0.01 - 0.55mJ/mm²

Stimulate anti-inflammatory and regenerative mechanisms^{1,2}

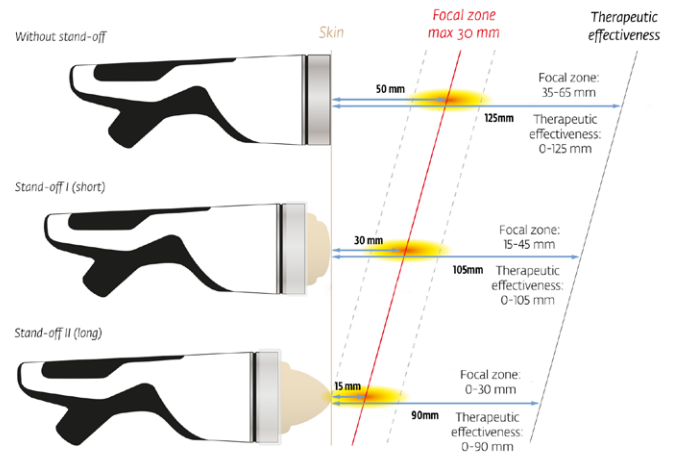
Broad Frequency Range: 1 - 8Hz

Customize treatment to patient needs

Benefits

- Short treatment time (a few minutes)
- Precise and targeted application
- Results in a few treatments (1-5)^{3,4,5}
- Deep tissue can be reached
- Non-invasive technology
- Alternative to medication

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



¹ Mariotto S, et al. Extracorporeal shock waves: from lithotripsy to anti-inflammatory action by NO production. Nitric Oxide. 2005 Mar;12(2):89-96.

² Ciampa AR, et al. Nitric oxide mediates anti-inflammatory action of extracorporeal shock waves. FEBS Lett. 2005 Dec 19;579(30):6839-45.

³ Gollwitzer H, et al. Clinically relevant effectiveness of focused extracorporeal shock wave therapy in the treatment of chronic plantar fasciitis: a randomized, controlled multicenter study. J Bone Joint Surg Am. 2015 May 6;97(9):701-8.

⁴ Ulusoy A, Cerrahoglu L, Orguc S. Magnetic Resonance Imaging and Clinical Outcomes of Laser Therapy, Ultrasound Therapy, and Extracorporeal Shock Wave Therapy for Treatment of Plantar Fasciitis: A Randomized Controlled Trial. J Foot Ankle Surg. 2017 Jul - Aug;56(4):762-767.

⁵ Rompe JD, et al. Shock wave application for chronic plantar fasciitis in running athletes. A prospective, randomized, placebo-controlled trial. Am J Sports Med. 2003 Mar-Apr;31(2):268-75.

¹⁵ Gollwitzer H, et al. Clinically relevant effectiveness of focused extracorporeal shock wave therapy in the treatment of chronic plantar fasciitis: a randomized, controlled multicenter study. J Bone Joint Surg Am. 2015 May 6;97(9):701-8.

¹⁶ Lou J, et al. Effectiveness of Extracorporeal Shock Wave Therapy Without Local Anesthesia in Patients With Recalcitrant Plantar Fasciitis: A Meta-Analysis of Randomized Controlled Trials. Am J Phys Med Rehabil. 2017 Aug;96(8):529-534.

Technical Information

F-SW operating mode	F-SW: Single shock, continuous shock 1–8 Hz
F-SW energy selection	in steps from 0.01 to 0.55 mJ/mm ²
Mains input voltage	100 – 240 VAC
Mains frequency	50 / 60 Hz
Mains fuse	T5AL/250 VAC
Power consumption	max. 450 VA
Ambient temperature during operation	10 – 30 °C
Ambient temperature during storage and transport	0 – 50 °C frost free
Ambient pressure during storage and transport	500 – 1060 hPa
Ambient air pressure during operating	800 – 1060 hPa
Air humidity	5 – 90%, non-condensing
Control device weight	22.1 kg (48.7 lbs)
F-SW handpiece weight	590 g (1.7 lbs)
Housing dimensions	(W x H x D) 450 x 165 x 530 mm (18 x 6.5 x 21")
Classification according to FDA	Class III (FDA)
Protection against the ingress of water	IPX1

Ordering Information

Part Number	Product Description
21090-US	Intelect F-SW Set including:
- 19000	- F-SW Handpiece set
- 4600	- Water bag
- 4700	- Silicone oil
- 22601	- Conductor transmission gel 250 ml (8.5 oz)
- 13-00061-US	- Operating manual
- 0.0032.012-US	- Power cord US

F-SW™ Accessories

19100	Stand-off I (Short)
19200	Stand-off II (Long)
19300	Closing ring transparent for stand-off I and II
4650	F-SW cart



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