



chattanooga®



Intelect® Focus Shockwave

REACH
THE DEPTHS
OF PAIN

INTELECT® FOCUS SHOCKWAVE

Reach the Depths of Pain

Pain can run deep, sometimes leaving the cause just out of reach. The Intellect® Focus Shockwave uses acoustic sound waves to help impact tissue at the surface level down to a therapeutic penetration depth of up to 12.5 cm.⁽¹⁻¹¹⁾

The Intellect® Focus Shockwave generates sound waves via an electromagnetic hand piece with a built-in water buffer, which produces a high-pressure peak energy and generates maximal force at a selected depth.⁽¹²⁾ The acoustic wave positively influences the body's cell functions and intrinsic healing capabilities.⁽¹³⁾

The physiological effects of shock waves on the tissue include enhanced neovascularity, accelerated growth factor release, and stimulation of cellular processes that contribute to tissue healing and regenerations.^(1,3) Focused shock waves are preferably used in the treatment of deep target areas.





KEY FEATURES

Greater Power & Depth for Better Treatment

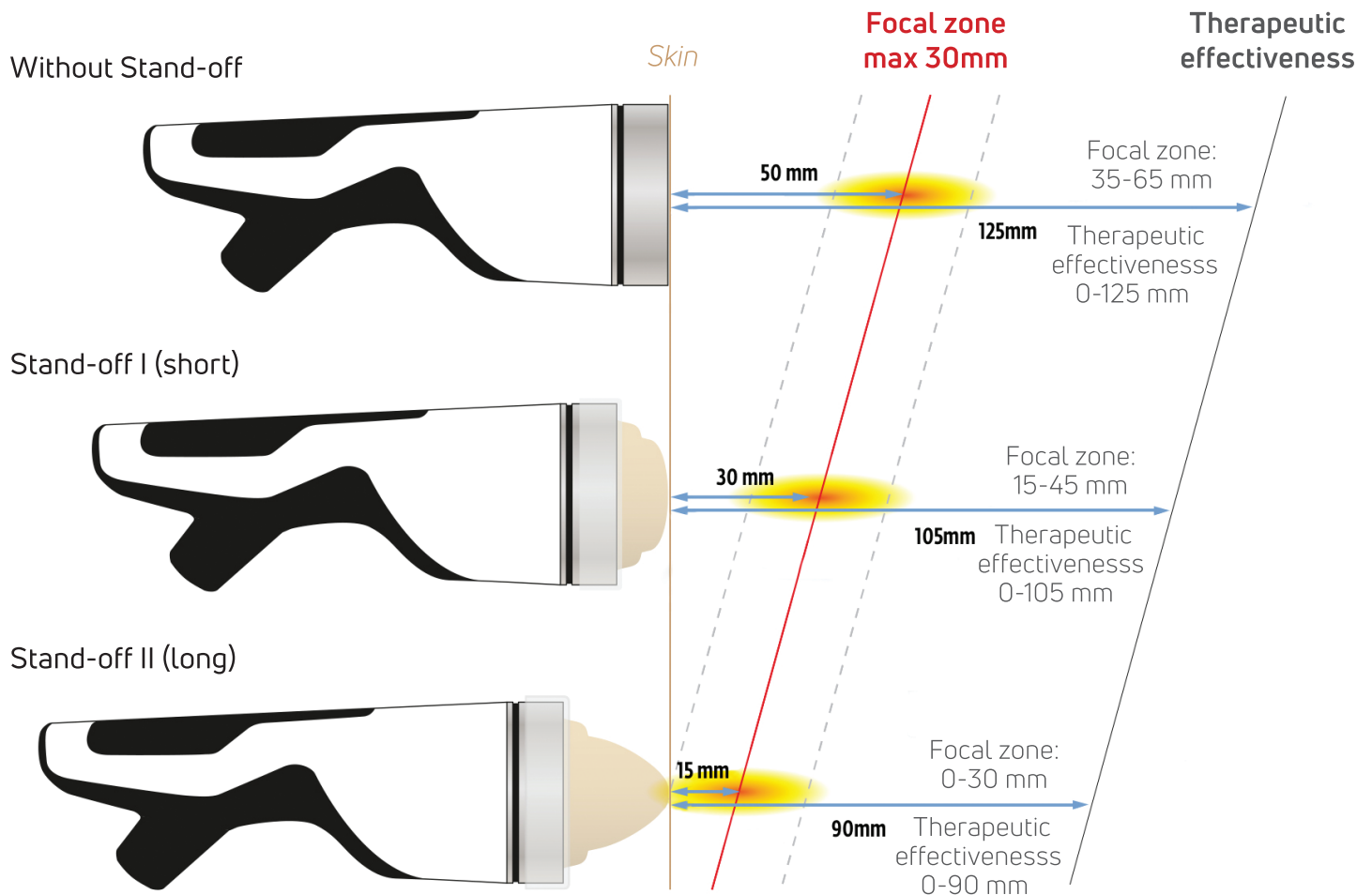
Intuitive & Easy to Use

The device is operated via a large LCD touch screen that displays all essential parameters such as frequency, energy, and total number of applied shock waves. Previously stored and customized treatment parameters can be easily retrieved, preventing the need for repetitive manual navigation to save time for the clinician.

Applicators for Customized Treatments

When treating more superficial tissue, treatment depth can be customized by using one of two stand-offs for optimal placement of the focal zone. The shorter the stand-off head, the greater the penetration depth. The longer the stand-off head, the smaller penetration depth.

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



TREAT AT DEPTH

Therapeutic penetration of up to 12.5 cm (4.7 in) with an energy range of 0.01 - 0.55 mJ/mm² and a broad frequency range of 1-8 Hz. The efficiency of this modern ESWT device derives from the powerful and individually selectable energy range. The device's shock wave source is equipped with a cylindrical coil and offers a constantly high energy dynamic in the entire focus zone.

Enhanced Energy: 0.01 - 0.55 mJ/mm²

Pulse Counter

Broad Frequency Range: 1 - 8 Hz

Weight - 50 lbs (22.1 kg)



Benefits

- Short treatment time (a few minutes)
- Precise and targeted application
- Results in typically 1-5 treatments⁽⁴⁻⁷⁾
- Non-invasive technology
- Alternative to medication

Recommended Treatment Guidelines

Patient lies prone on the table. The feet are supported on a rolled towel for optimal relaxation of the muscles. Keep the tendon in a slightly stretched position. Treat the specific painful spots in the heel or fascia with the handpiece held still at the most tender spots. Small variations in angle during treatment are recommended.

Education

Access to an online education platform and scientific research library is offered to every Chattanooga® Intelect® Focus Shockwave user.





Three tip configurations help tailor the reach of the Focus Shockwave's treatment area from 0-125 mm below the skin, making it a versatile tool in treating a variety of conditions.

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/mm²

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:

Standard Accessories

Part Number	Product Description
19000	F-SW Handpiece set
4600	F-SW Water bag
4700	F-SW, Silicone oil
22601	Ultrasound gel 250 ml (8.5 oz)
13-00061-US	Operating manual
0.0032.012-US	Power cord US
13-27268	Handpiece holder
19100	Stand-off I (Short)
19200	Stand-off II (Long)

Optional Accessories

Part Number	Product Description
4650	F-SW cart
13-26493	Service kit, one coil minimum 1 million shocks



Clinical Information

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