



# Focused Shockwave Therapy

PRODUCT BROCHURE COLLECTION

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Focused shockwave materials compiled into one convenient resource.

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# Focused Shockwave

*A New Revenue Stream + Better Patient Outcomes*

## WHAT IS FOCUSED SHOCKWAVE?

*F-SW therapy is a non-invasive treatment that delivers high-energy acoustic waves deep into targeted tissue to disrupt the tissue matrix and stimulate the body's natural healing responses. It helps increase blood flow, promote tissue regeneration, and stimulate stem cell activity - allowing clinicians to effectively treat chronic musculoskeletal conditions and accelerate pain relief.*



## THE CHATTANOOGA ADVANTAGE

- **True Focused Shockwave Energy Delivery** - Electromagnetic technology is the latest in F-SW engineering. It delivers precise consistent energy at depth - unlike less focused alternatives.
- **Powered by Storz Medical** - Industry leading Swiss engineering with proven clinical performance and long-term reliability.
- **Proven Over "Trend-Based" Technologies** - Clinically proven and backed by decades of research, with global use in high-level medical settings; not marketing - driven claims.
- **Longer service life and lower maintenance costs** - Compared to electrohydraulic and piezoelectric alternatives.

## Common Applications

- Chronic Tendinopathies
- Shoulder Calcifications
- IT Band Syndrome
- Shin Splints
- Myofascial Trigger Points
- Scar Tissue & Fibrosis
- Greater Trochanteric Pain Syndrome
- Chronic Neck & Low Back Pain
- Herniated Disc
- Osteoarthritis
- Partial Tendon & Ligament Tears

## Business Benefits

- High Cash-Based Revenue Stream - Typically **\$100-\$175 per treatment**
- Quick Treatments - 5 minute average
- Minimal Consumables
- Increase Your Average Revenue Per Patient
- Increase Your Patient Retention and Referral Network
- Easy to integrate and Operate
- Differentiate Your Practice
- High-Patient Demand
- Treat Chronic Conditions More Efficiently



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## ABOUT MEDCOR PROFESSIONALS

MedCOR Professionals is a family-owned medical device distributor committed to delivering exceptional customer support and real clinical results. We go beyond equipment by providing in-depth training, implementation guidance, and ongoing consultation—helping clinics confidently integrate new technologies and maximize patient outcomes & revenue.

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chattanooga®



Intellect® 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.<sup>(1-11)</sup>

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.<sup>(12)</sup> The acoustic wave positively influences the body's cell functions and intrinsic healing capabilities.<sup>(13)</sup>

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.<sup>(1,3)</sup> Focused shock waves are preferably used in the treatment of deep target areas.





# KEY FEATURES

Greater Power & Depth  
for Better Treatment

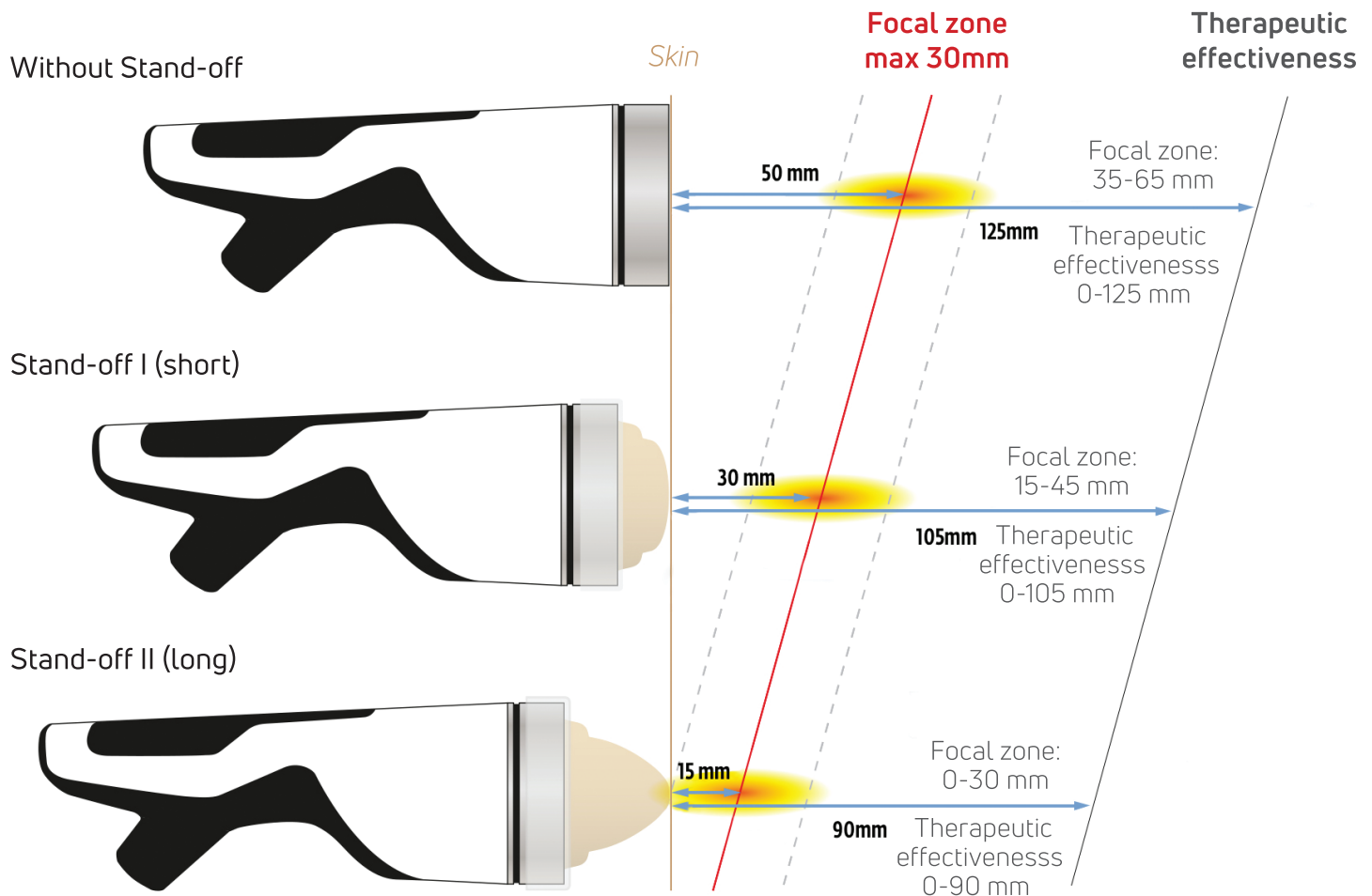
## Intuitive & Easy to Use

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 the 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/mm<sup>2</sup> 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/mm<sup>2</sup>

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<sup>(4-7)</sup>
- 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® Intellect® 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/mm<sup>2</sup>

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 |



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