

## INTELECT RPW LITE

### EASY ACCESS TO RADIAL PRESSURE WAVE THERAPY

For today's busy physical therapist, the need to treat patients efficiently is crucial. The Intellect® RPW Lite is a compact and user-friendly device that delivers effective Radial Pressure Wave (RPW) therapy with the minimum of fuss. Its range of essential features have been designed to remove the complexity from RPW treatment, leaving therapists free to concentrate on their patients.

# KEY FEATURES

## PORTABILITY

Compact and easy to handle.

## LARGE LCD TOUCH SCREEN

For quick and easy control of treatment parameters.

## PULSE COUNTER

## INTENSITY LEVEL

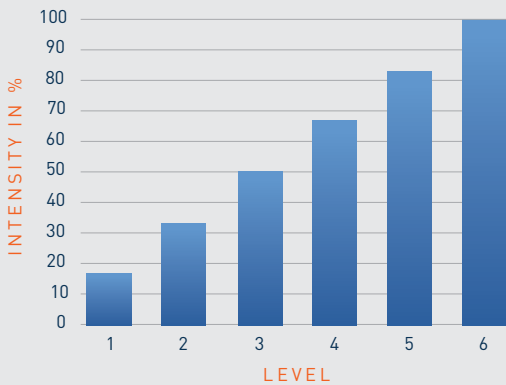
6 preset energy levels reduce set-up time whilst providing a useful range of settings for a variety of possible RPW indications.

## EASY CONNECT

SPARROW™ handpiece technology with quick-release connection allows easy interchange of handpieces, ideal for treatments that require multiple different transmitters.



## CHOICE OF 5 TRANSMITTERS



Relationship between intensity and frequency	
INTENSITY	FREQUENCY
1	18 Hz
2	16 Hz
3	10 Hz
4	9 Hz
5	8 Hz
6	6 Hz

The Intelect® RPW Lite offers an easy way to adjust the intensity level. Starting with a low level (step 1 at 18Hz) up to maximum energy release (step 6 at 6 Hz). The frequency changes automatically based on the intensity.

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## TARGETED PAIN RELIEF

The Intelect® RPW Lite allows for the treatment of indications with radial, pneumatically-generated, low-energy acoustic waves, or 'pressure pulses'. The applied pressure pulse propagates radially within the tissue, generating a therapeutic effect.

## INDICATIONS

- ACHILLES TENDINOPATHY(1)
- CARPAL TUNNEL SYNDROME(2)
- PLANTAR FASCIITIS(3)
- TRIGGER FINGER(4)
- TRIGGER POINTS(5)
- PAIN AND INFLAMMATIONMANAGEMENT  
IN ORTHOPAEDIC CONDITIONS(6)







## CLINICAL INFORMATION

1. Gerdesmeyer L. Current evidence of extracorporeal shock wave therapy in chronic Achilles tendinopathy. NCBINCB I Logo Int J Surg. 2015 Dec;24(Pt B):154-9. doi: 10.1016/j.ijvsu.2015.07.718. Epub 2015 Aug 29."
2. Wu YT. Effect of radial shock wave therapy for carpal tunnel syndrome: A prospective randomized, double-blind, placebo-controlled trial. J Orthop Res. 2016 Jun;34(6):977-84. doi: 10.1002/jor.23113. Epub 2015 Dec 10.
3. Ogden JA. Shockwave therapy for chronic proximal plantar fasciitis: a meta-analysis. Foot Ankle Int. 2002 Apr;23(4):301-8
4. Yildirim P. Extracorporeal shock wave therapy versus corticosteroid injection in the treatment of trigger finger: a randomized controlled study. J Hand Surg Eur Vol. 2016 Nov;41(9):977-983. doi: 10.1177/1753193415622733. Epub 2016 Sep 28.
5. Nedelka T. Mechano-transduction effect of shockwaves in the treatment of lumbar facet joint pain: comparative effectiveness evaluation of shockwave therapy, steroid injections and radiofrequency medial branch neurotomy. Neuro Endocrinol Lett. 2014;35(5):393-7.
6. Schmitz C. Efficacy and safety of extracorporeal shock wave therapy for orthopedic conditions: a systematic review on studies listed in the PEDro database. Br Med Bull. 2015;116:115-38. doi: 10.1093/bmb/ldv047. Epub 2015 Nov 18.

# INTELECT® RPW LITE TRANSMITTERS

SPARROW™ transmitters are used with SPARROW handpiece only.

## MYOFASCIAL TREATMENT



### D20-S BLACK RPW LITE

Standard Oscillator, 20mm transmitter for muscle and connective tissue.  
Penetration depth 0-50mm  
Intensity level: Medium



### D20-T BLACK RPW LITE

Golden Oscillator 20mm transmitter for professional athletes. High energy application.  
Penetration depth 0-50mm  
Intensity level: Very High

## TRIGGER POINTS / TENDINOPATHIES



### Ro40 BLACK RPW LITE

15 mm beam transmitter for any type of tendinopathy.  
Penetration depth 0-35mm  
Intensity level: Medium



### C15 CERAmA-ax® BLACK RPW LITE

CERAmA-ax® Ceramic Energy 15mm transmitter for any type of tendonopathies.  
Penetration depth 0-35mm  
Intensity level: High



### DI15 BLACK RPW LITE

Golden Depth, 15mm Deep Impact® transmitter for deep target areas, chronic disorders and local trigger points.  
Penetration depth 0-50mm  
Intensity level: High



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# RADIAL PRESSURE WAVE TREATMENT

As a result of clinical evidence, most treatment protocols are based on 5 to 10 sessions of 1,500-2,500 shocks.

## TREATMENT GUIDELINES

- Localize the painful areas you plan to treat
- Select the most appropriate transmitters based on treatment goal and targeted tissue
- Apply water-based ultrasound gel to the skin overlying the treatment area
- Always start with a lower level of intensity
- Perform a post-treatment test for improved function and decrease in pain



## TECHNICAL INFORMATION

30680-230V : 230VAC 50-60Hz 700VA

30680-115V: 115VAC 60Hz 700VA

30680-100V: 100VAC 60Hz 700VA

DIMENSIONS: 289x238x310mm

WEIGHT: 9.8Kg

ENERGY: 6 Energy levels: 6-18Hz/max 2.7 bar

CONFORMITY: this device complies with the applicable standards EN/IEC 60601-1, CAN/CSA-C22.2 No.601.1, UL Std. No 60601-1.

CERTIFICATION: CE 0197

CLASSIFICATION ACCORDING TO MDD: Class IIa device 93/42 60601-1



