

INTELECT® **RPW 2**
GENERATION 2020





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With 10 years of experience and 10,000 RPW devices sold all over the world Chattanooga® has learned a lot about what really matters to you and your patients and integrated it into our next generation clinical Radial Pressure Wave unit.

The new Intellect® RPW 2 combines streamlined design with ergonomics and patient-comfort with ease-of-use resulting into the most compact clinical unit currently on the market.

With "made in Germany & the USA" as a quality label we are proud to offer you the latest technology in a device you can trust!



KEY FEATURES



SUGGESTED PROTOCOLS LIBRARY

Available at a finger click; treatment pictures, anatomical and pathological library, treatments guidelines.

LARGE GRAPHIC COLOR TOUCH SCREEN

High resolution 7" capacitive touch screen for greater customer experience.

NEW FALCON® HANDPIECE

allowing lower Bar pressures for an increased range of indications and applicators.



COMFORT MODE

Unique automatic energy ramp up designed to provide better patient comfort.

V-ACTOR® HF*

Vibration frequency up to 50Hz for Vibration therapy and muscle relaxation.

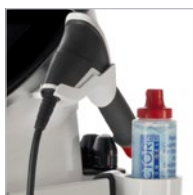


LARGE CHOICE OF TRANSMITTERS*

17 different transmitters available for tendinopathies, trigger points, spine and fascia treatments.

EASY FIT FOR EVERY TREATMENT ROOM

Slim design 41x42x110cm (LxWxH), not a lot of space needed for this new RPW generation.



ERGONOMIC DESIGN

What you need close in hand; handpiece, transmitter tray, gel bottle, cables holders, soft pouch.

EXTENDED PRESSURE RANGE

The Falcon handpiece provides a greater pressure range from 0.3 to 5 bar, making it more comfortable for the patient and allowing Fascia and Spine treatments. NOTE: PERI-V-ACTOR® and SPINE-V-ACTOR® can only be used under 3 Bar pressure.



* Optional accessories

FALCON®, V-ACTOR®, SPINE-ACTOR®, and PERI-ACTOR® are registered trademarks of Storz Medical AG

TARGETED PAIN RELIEF

The Intelect® RPW 2 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.

The V-ACTOR® HF optional hand piece allows mechanical vibration, for vibration massage.

INDICATIONS

- ACHILLES TENDINOPATHY (1)
- DISORDERS OF TENDONS INSERTIONS (2)
- MYOFASCIAL TRIGGER POINTS (3)
- PAIN & INFLAMMATION IN ORTHOPAEDIC CONDITIONS (4)
- PLANTAR FASCIITIS (5)
- PULSE VIBRATION MASSAGE (6)

RECOMMENDED TREATMENT GUIDELINES

- LOCALIZE THE PAINFUL AREAS YOU PLAN TO TREAT
- SELECT MOST APPROPRIATE TRANSMITTERS BASED ON TREATMENT GOAL AND TARGETED TISSUE
- APPLY ULTRA SOUND WATER BASED GEL ON THE SKIN OVERLYING THE TREATMENT AREA
- ALWAYS START WITH LOWER LEVEL OF INTENSITY
- PERFORM A POST-TREATMENT TEST TO SEE FOR BETTER FUNCTION AND DECREASED IN PAIN

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



EDUCATION

Access to an online education platform and scientific research library is offered to every Chattanooga® Intelect® RPW 2 user.

CLINICAL INFORMATION

1. Gerdsmeyer L. Current evidence of extracorporeal shock wave therapy in chronic Achilles tendinopathy. NCBINCBi Logo Int J Surg. 2015 Dec;24(Pt B):154-9. doi: 10.1016/j.ijsu.2015.07.718. Epub 2015 Aug 29.*

2. Gerdsmeyer L. Current evidence of extracorporeal shock wave therapy in chronic Achilles tendinopathy. NCBINCBi Logo Int J Surg. 2015.

3. Nedelka T. Mechano-transduction effect of shockwaves in the treatment of lumbar facet joint pain. Neuro Endocrinol Lett. 2014

4. 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.

5. Ogden JA. Shockwave therapy for chronic proximal plantar fasciitis: a meta-analysis. Foot Ankle Int. 2002 Apr;23(4):301-8

6. S. Broadbent, JJ. Rousseau, RM. Thorp, SL. Choate, FS. Jackson, DS. Rowlands. Vibration therapy reduces plasma IL6 and muscle soreness after downhill running. 2010 Sep;44(12):888-94

INTELECT® RPW 2 TRANSMITTERS

A choice of standard transmitters for Radial Pressure Wave (RPW) indications.

Each transmitter is unique by shape and material to deliver it's own energy flux density and wave profile.

TRIGGER POINTS / TENDINOPATHIES

- 

Ro40
15 mm Energy beam transmitter with concave coupling surface, best for pain zones near the skin surface
Penetration depth 0-35mm
Intensity level: Medium
- 

R15
15mm transmitter for any type of tendinopathies
Penetration depth 0-35mm
Intensity level: Medium
- 

C15 CERAmA-x®
Ceramic Energy 15mm transmitter for any type of tendonopathies
Penetration depth 0-35mm
Intensity level: High
- 

DI15
Golden Depth 15mm Deep Impact® transmitter for deep target areas, chronic disorders, local trigger points
Penetration depth 0-50mm
Intensity level: High
- 


A6
Acupuncture like transmitter 6mm for local trigger points
Penetration depth 0-20mm
Intensity level: Low
- 


T10
Finger transmitter 10mm for deep target tendonopathies
Penetration depth 0-40mm
Intensity level: High
- 


F15
White soft transmitter 15mm for superficial pain regions, muscles of mastication, cervical spine
Penetration depth 0-30mm
Intensity level: Very Low
- 

ATLAS
Soft flexible tipped transmitter 15mm for highly sensitive regions and triggerpoints in the cervical spine
Penetration depth 0-15mm
Intensity level: Low

MYOFASCIAL TREATMENTS

- 

D20-S
Standard Oscillator, 20mm transmitter for muscle and connective tissue
Penetration depth 0-50mm
Intensity level: Medium
- 

D20-T
Golden Oscillator 20mm transmitter for professional athletes, High energy application
Penetration depth 0-50mm
Intensity level: Very High
- 

D35-S
Large oscillator 35mm for large muscles and connective tissue
Penetration depth 0-60mm
Intensity level: Medium

SPINE TREATMENTS

Double Tip shape to allows treatments of the paravertebral region

SPINE-ACTORS®
3 sizes span from 20 to 35mm



FASCIA TREATMENTS

Unique shape especially designed to dissolve clots in the Fascia structures

- 

PERI-ACTOR® KNUCKLE
For Medium-sized and large fasciae thoracolumbar fasciae, plantar fasciae, trigger bands, shoulder and neck region
- 

PERI-ACTOR SCOOP
Treatment at or below the edges of bones: Front iliac crest, edge of the tibia
- 

PERI-ACTOR® SCRAPER
Treatment of all fasciae trigger band
- 

PERI-ACTOR SPHERE
Punctual treatment of fasciae: Plantar fasciae, Arch of foot, Hand, Trigger points, Cervical spine Fasciae

VIBRATION THERAPY

- 

V10
10mm for superficia trigger points
- 

V25
25mm for muscle massage
- 

V40
40mm for large muscles groups



TECHNICAL INFORMATION

2174: 230V AC 50-60Hz 350VA

2173: 120V AC 50- 60Hz 350VA

2175: 100V AC 50-60Hz 400VA

DIMENSIONS WxHxD: 410x1100x425mm

WEIGHT: 30kg

COMPRESSED AIR OUTPUT: 0.3-5.0 bar

POWER INCREMENT SETTINGS: 0.1 bar

PULSE AMPLITUDE: Approx 2mm at 3 bar, idling (without coupling)

PULSE WIDTH: Approx 6-12ms

PULSE FREQUENCY: FALCON® handpiece 1-21Hz for RPW, V-ACTOR® handpiece 1-50Hz for vibration

MODE: Single pulse or continuous

USER INTERFACE: 7 inch, 800x480 pixels color graphic capacitive touch screen

CONFORMITY: This device complies with the applicable standards EN/IEC 60601-1, CAN/CSA-C22.2 No.6011, UL Std. No 60601-1.

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

LEGAL MANUFACTURER: DJO France SAS - CE 2797



INTELECT® RPW 2

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION |
|-------------|--|
| 2174KIT | Intelect® RPW 2 230V unit set including standard accessories |
| 2173KIT | Intelect® RPW 2 120V unit set including standard accessories |
| 2175KIT | Intelect® RPW 2 100V unit set including standard accessories |

STANDARD ACCESSORIES

| PART NUMBER | DESCRIPTION |
|-------------|--|
| 18080 | FALCON® handpiece, including 2x projectile; 2x guiding tube; 1 cleaning brush, 1x wrench; 1x allen key |
| | 1x Power cord with EU plug for 2174KIT, 1x Power cord with North American plug for 2173KIT, 1x Power cord with Japanese plug for 2175KIT |

| | | | |
|-----------|--|---------|-------------------------|
| 13-28660* | Quick start guide booklets (available in multiple languages) | 28178 | Transmitter Ro40 |
| 22652 | Transmitters tray | 29724 | Transmitter D20-S black |
| 22651 | Gel bottle support cup | 82-0274 | Intelect RPW 2 pouch |
| 4248 | 1x Transmission gel, 250 ml | 15-1140 | USB Key |

OPTIONAL ACCESSORIES

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 18080 | FALCON handpiece, including 2x projectile; 2x guiding tube; 1 cleaning brush, 1x wrench; 1x allen key |
| 29104 | Revision kit short including 2x projectiles; 2x guiding tubes short; 2x o-ring set; 1x o-ring guide |

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|-------|---|---------|------------------------------|
| 29801 | A6 transmitter black | 82-0274 | Intelect RPW 2 pouch |
| 29802 | T10 transmitter black | 22651 | Gel bottle support cup |
| 29729 | C15 transmitter black | 22652 | Transmitter tray |
| 29728 | DI15 transmitter black | 4248 | 24x Transmission gel, 250 ml |
| 29726 | F15 transmitter black | 14820 | Power cord EU |
| 29724 | D20-S transmitter black | 14679 | Power cord North America |
| 29725 | D35-S transmitter black | 14821 | Power cord JAPAN |
| 28736 | D20-T transmitter black | 14814 | Power cord Swiss |
| 28178 | Ro40 transmitter red | 14819 | Power cord Australia |
| 18638 | R15 transmitter black | 14815 | Power cord UK |
| 29539 | Atlas RPW transmitter | 14816 | Power cord India |
| 19365 | V-ACTOR® HF handpiece set including V-ACTOR®, V25 and V40 transmitters | 14817 | Power cord Israel |
| 29742 | V-ACTOR V10 transmitter | 14818 | Power cord Denmark |
| 28740 | V-ACTOR V25 transmitter | | |
| 28741 | V-ACTOR V40 transmitter | | |
| 31800 | Transmitter box including 9 transmitters (A6, T10, C15, DI15, F15, D20-S, D35-S, D20-T, Ro40) | | |
| 28945 | PERI-ACTOR® fascia transmitter set including 4 transmitters | | |
| 28946 | SPINE-ACTOR® transmitter set including 3 transmitters | | |

Irish Distributor Contact Details

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