

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) |
| 22652 | Transmitters tray |
| 22651 | Gel bottle support cup |
| 4248 | 1x Transmission gel, 250 ml |
| 28178 | Transmitter Ro40 |
| 29724 | Transmitter D20-S black |
| 82-0274 | Intelect RPW 2 pouch |
| 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 |
| 29801 | A6 transmitter black |
| 29802 | T10 transmitter black |
| 29729 | C15 transmitter black |
| 29728 | DI15 transmitter black |
| 29726 | F15 transmitter black |
| 29724 | D20-S transmitter black |
| 29725 | D35-S transmitter black |
| 28736 | D20-T transmitter black |
| 28178 | Ro40 transmitter red |
| 18638 | R15 transmitter black |
| 29539 | Atlas RPW transmitter |
| 19365 | V-ACTOR® HF handpiece set including V-ACTOR®, V25 and V40 transmitters |
| 29742 | V-ACTOR V10 transmitter |
| 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 |
| 82-0274 | Intelect RPW 2 pouch |
| 22651 | Gel bottle support cup |
| 22652 | Transmitter tray |
| 4248 | 24x Transmission gel, 250 ml |
| 14820 | Power cord EU |
| 14679 | Power cord North America |
| 14821 | Power cord JAPAN |
| 14814 | Power cord Swiss |
| 14819 | Power cord Australia |
| 14815 | Power cord UK |
| 14816 | Power cord India |
| 14817 | Power cord Israel |
| 14818 | Power cord Denmark |



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