

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. Ogdén 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

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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
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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

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

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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

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V10
10mm for superficia trigger points
- 

V25
25mm for muscle massage
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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

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		