

JAS PULSE[®] ULTRASOUND THERAPY



Clinic Strength Ultrasound Therapy
in a Convenient and Portable Size.

SAFE, CONVENIENT AND AFFORDABLE ULTRASOUND THERAPY



Available in either
1MHz or 3MHz!

Easy-to-use
Interface with
State-of-the-art
Software

Includes Patented Therapeutic
Vibratory Massage Feature

Ideal for
In-Office or
At-Home
use

Thermal Protection
Increases Patient Safety

THE POWER OF JAS PULSE ULTRASOUND THERAPY:

DELIVER SAFE AND EFFECTIVE TREATMENT EASILY, CONSISTENTLY AND QUICKLY

- Available in either 1MHz or 3MHz for optimal application
- Patented therapeutic vibratory massage feature
- Small, ergonomic transducer head
- Vibratory feedback indicates coupling
- Stimulates blood flow, decreases swelling and reduces inflammation
- Thermal protection increases patient safety
- Built to meet or exceed demanding clinical/commercial standards
- Safe, easy, convenient and affordable
- Relief of pain, muscle spasms and joint contractures associated with:
 - Adhesive capsulitis
 - Bursitis with slight calcification
 - Myositis
 - Soft tissue injuries
 - Shortened tendons due to past injury and scar tissue
- Flexible, powerful design

The JAS Pulse Ultrasound Therapy device has received 510(k) clearance from the FDA for distribution in the United States.
*IEC 60601-1, IEC 60601-1-2, IEC 60601-2-5, US 21 CFR1050.10

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www.jointactivesystems.com

 **MADE IN THE USA**
Licensed in the State of Illinois.

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Ultrasound

JAS PULSE™ ULTRASOUND THERAPY



**Clinic Strength Ultrasound Therapy
in a Convenient and Portable Size.**

During JAS Pulse™ Ultrasound Therapy, the handheld JAS Pulse™ Transducer generates either 1MHz or 3MHz high frequency sound waves that penetrate tissue with the aid of an ultrasonic gel. JAS Pulse™ Ultrasound Therapy treats injured or painful areas of the body to alleviate symptoms, stimulate blood flow, decrease swelling and reduce inflammation.

SYSTEM FEATURES

- Includes patented therapeutic vibratory massage feature
- Vibratory feedback indicates coupling
- Small and convenient design – easy-to-hold and portable
- Small ergonomic transducer head
- Thermal protection – increases patient safety
- Operates in continuous mode (100% duty cycle)
- Operates in pulse mode (50% duty cycle)
- Two output intensity settings
- Three treatment times (5 min, 10 min or 15 min)
- 12-month warranty
- The JAS Pulse Ultrasound Therapy unit comes with JAS Pulse device, medical grade AC/DC adapter, convenient travel case, instruction manual and both 8.5 oz. and travel-ready 2.2 oz. ultrasound gel.

SYSTEM SPECIFICATIONS

- Frequency: 1 MHz or 3MHz ±10%
- | • 1MHz | Low Setting | High Setting |
|-----------------------|-----------------------|-----------------------|
| • Waveform: | <i>Pulsed</i> | <i>Continuous</i> |
| • Acoustic Intensity: | 0.7 W/cm ² | 1.4 W/cm ² |
| • Output Power: | 0.79 W | 1.59 W |
| • Duty Cycle: | 50% | 100% |
-
- | • 3MHz | Low Setting | High Setting |
|-----------------------|-----------------------|------------------------|
| • Waveform: | <i>Pulsed</i> | <i>Continuous</i> |
| • Acoustic Intensity: | 0.7 W/cm ² | 1.25 W/cm ² |
| • Output Power: | 0.79 W | 1.41 W |
| • Duty Cycle: | 50% | 100% |



JAS Pulse Kit

**TO ORDER, CONTACT YOUR LOCAL JAS REP
OR CALL 1.800.879.0117**

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Prescription Required: This is a Class II Medical Device. Federal law restricts these devices to sale by or on the order of a licensed health care professional.



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