## US PRO **2000**™ 2 N D E D I T I O N

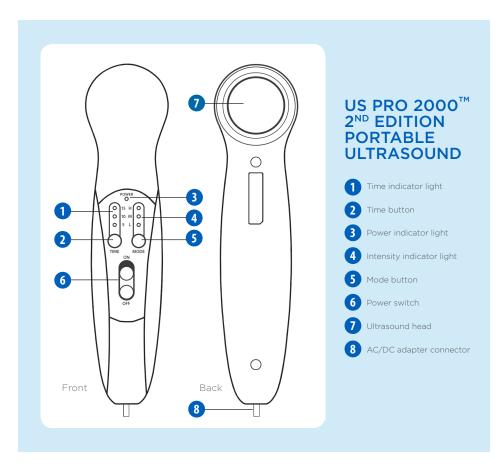


#### **QUICK REFERENCE GUIDE**

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The purpose of this guide is to assist you in correctly operating your US PRO 2000™ 2<sup>nd</sup> Edition Portable Ultrasound unit. This device should only be used under the continued supervision of a licensed healthcare professional. This guide is not intended to replace or substitute the US PRO 2000™ 2<sup>nd</sup> Edition Instruction Manual. Please Read The Instruction Manual Completely Before USING THIS DEVICE. Read, understand and practice the warnings, cautions and operating instructions. Always follow the operating instructions prescribed by your healthcare provider.



# CONNECT UNIT TO ADAPTER USING COUPLING DO NOT use any other adapter not supplied by the manufacturer or outside

the manufacturer recommended adapter, including convertors or adapters.

# AC/DC POWER ADAPTER

The US PRO 2000™ 2<sup>nd</sup> Edition uses an AC/DC adapter (included) as its power source. Batteries are not required.

Connect the adapter cord to the ultrasound unit, then connect the adapter plug to a wall outlet.

# EXPLANATION OF ULTRASOUND STIMULATOR EFFECT

The US PRO 2000™ 2nd Edition
Therapeutic Ultrasound device
generates pulsed high frequency
sound waves (1MHz) that are
transferred to specific areas with a
sound-head probe. The Pulsed Sound
Waves travel deep into the tissue
generating vasodilation, which helps
increase the blood flow to the treated
area. Most patients will feel nothing
at all DURING treatment, while some
may feel a very slight warmth.

# FUNCTION TEST OF ULTRASONIC ACTION

To assure your device is operating properly, be sure the protective film has been removed from the ultrasound head. Turn the device ON and select any TIME setting. Resting the unit horizontally, place a few drops of water on the ultrasound head. In the LOW setting, you will observe the water drops vibrating slightly. In the

slightly. In the MEDIUM setting, the water drops will vibrate more strongly and begin to mist. On HIGH, the vibration is very strong and atomization will



occur. This test will last only a few seconds, as the unit automatically turns off when the ultrasound head is not in good contact with the skin.

Consult the TROUBLE SHOOTING section of the instruction manual if device fails this function test.

#### PROBLEMS WITH YOUR DEVICE?

Please review your US PRO 2000™ 2<sup>nd</sup> Edition Instruction Manual pg. 16 for troubleshooting tips.



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# 1 APPLY ULTRASOUND TRANSMISSION GEL

Wash the area to be treated so that it is free of oil and dirt.

Apply a generous amount of ultrasound transmission gel (included) to affected area. The gel acts as a coupling substance and ensures the effectiveness of the treatment.



Slide the power switch upward to turn the device on.

The power indicator light will illuminate. The device will automatically enter the preheat mode. The six indicator lights will flash alternately during this period.



#### 3 ULTRASOUND PRE-HEATING PRESET

When the preset temperature is reached or the maximum preheat time has ended (3 minutes), all of the indicators lights will flash five times. Once complete, the device enters standby mode. This head warming feature takes approximately three minutes from a cold/room temperature start to finish.

During the warming preheating period, do not apply the ultrasound head to the patient, or it will exit the preheating process and enter standby mode.

To stop this feature, press and hold both the MODE button and TIME button simultaneously. Ultrasound head only preheats prior to treatment and not DURING treatment.

# 4 SELECT PRESCRIBED TREATMENT LEVEL

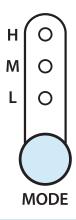
Press the MODE button to advance to and select the desired treatment intensity level. There are three treatment levels:

L - LOW

M - MEDIUM

H - HIGH

If stimulation is or becomes uncomfortable, reduce intensity and consult your healthcare provider if problems persist.

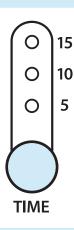


# 5 SELECT PRESCRIBED TREATMENT TIME

Press the TIME button to advance to and select the desired treatment time. There are three treatment times:

5 Minutes 10 Minutes 15 Minutes

During working time, press the TIME button to adjust the treatment time. When the treatment time is set at 15 minutes, press the TIME button again to cease treatment.



# 6 PLACE ULTRASOUND HEAD ON TREATMENT AREA



Move the ultrasound head in a SLOW CIRCULAR MOTION over the affected area the entire time the device is in contact with the treatment area to avoid potential harm.

For safety purposes, the device will only send ultrasound energy when good contact has been made on your body. **The device will automatically stop when contact is poor,** indicated by a flashing light in the TIME panel. Treatment is automatically restored when good contact is restored.

A temperature protection function automatically stops the device when treating head exceeds 42° C /107° F. The time indicator light will flash two times to alert you. Treatment resumes when temperature is below 40° C /104° F.

### 7 TURN ULTRASOUND UNIT OFF

After completing treatment, turn the power switch to the OFF position and unplug the unit from its power source.

Clean the ultrasound head / probe with a wet towel or tissue. **Do not** immerse the device in water.

Always store unit in its protective case and keep at room temperature in a dry location.

