

# UW 6 *Ultrasound Wattmeter*



The UW 6 Digital Ultrasound Wattmeter is designed to provide an accurate means of verifying and calibrating the output of therapeutic ultrasound devices. The meter measures the ultrasound power output utilizing a state of the art microprocessor and strain gauge bridge transducer to provide quick, reliable readings.

The UW 6 Ultrasound Wattmeter is compact, simple to use, portable and ruggedly built. It can be powered by a 9 Volt alkaline battery or by using the AC adapter supplied with the unit. The unit features an auto zero function to help speed up operations. A calibration check weight is provided with the unit making it easy to verify calibration in the field.

## **Features**

- Measures total-pulsed or continuous-average power
- Quickly and accurately takes power measurements
- Accommodates a variety of transducer shapes
- Large, easy to read Display
- High Resolution -0.1W
- Battery operated for greater portability
- Easy drainage of the tank
- Auto zero function
- RS 232 Port for easy printing connection
- Field Calibration check using weight standard
- Compact, light weight, easy to carry

## **Specifications**

Measurement range	0.1 to 30 Watts
Input Power Level	0 to 30 W
Input Frequency	0.5 to 10 MHz
Resolution	0.1 W
Accuracy, electrical	+/- .15 W (+/- .01 grams)
Repeatability	3% of reading .2 watts
Zero Shift	Auto Zero button
Acceptable Transducer Size	Up to 6.7 cm (2.65") diameter
Operating Temperature	10 – 30 C (50 - 86 F)
Power Requirements	9 V alkaline battery
Battery Life	Maximum of 10 hours
Dimensions	9" wide x 14 1/2" deep
Height	7 1/2" (10 3/4" with Clamp Post)

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