



## Model 8217

### Microwave Oven Survey Meter

- ◆ **Compact and Easy to Use**
- ◆ **0.5 to 10.0 mW/cm<sup>2</sup>**
- ◆ **Includes Thermometer, Beaker and Case**



#### Description

Narda's Model 8217 is the least expensive, accurate microwave oven survey instrument available. The mid-scale reading (5 mW/cm<sup>2</sup>) of the single 0 to 10 mW/cm<sup>2</sup> range corresponds to the allowable limit for ovens used in the United States, Canada, and most of Europe. The 8217 is extremely easy to use. Its detection circuitry uses a patented spiral antenna design. It comes complete with a beaker and thermometer to measure the output power of the oven in addition to its leakage. The meter, beaker, thermometer, and manual store in a rugged, foam-lined carrying case.

#### Specifications

PARAMETER	SPECIFICATION
Calibration Frequency	2450 MHz
Measurement Range	0.5 to 10.0 mW/cm <sup>2</sup>
Accuracy	±1.0 dB
Meter	
Type	D'Arsonval
Size	1.4" (3.6 cm)
Scale	0 to 10 mW/cm <sup>2</sup>
Measurement Mode	Instantaneous
Zero Control	Front Panel Knob
Battery	
Type	Standard 9V
Life	200 hrs (approx.)
Sizes	
Meter	5.7" x 3.2" x 1.5" (14.5cm x 8.2cm x 3.8cm)
Case	13.5" x 8.0" x 5.5" (34.3cm x 20.3cm 14.0cm)
Weight	0.4 lb. (0.2 kg)
Temperature	
Operating	0°C to +50°C
Non-operating	-40°C to +75°
Humidity	0% to 95%, non-condensing
Accessories Supplied	Battery, Operating Manual, 600 ml Beaker, Thermometer, Carrying Case <sup>a</sup>

<sup>a</sup> The carrying case is foam lined to protect the meter in transit and in storage. The meter, manual, beaker, and thermometer are stored in the case.