

MODEL 8217 MICROWAVE OVEN SURVEY METER

- Compact and Easy to Use
- 0.5 to 10.0 mW/cm²
- 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/cm²) of the single 0 to 10 mW/cm² 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 ² |
| Accuracy | ±1.0 dB |
| Meter Type Size Scale | D'Arsonval 1.4" (3.6 cm) 0 to 10 mW/cm ² |
| Measurement Mode | Instantaneous |
| Zero Control | Front Panel Knob |
| Battery Type Life | Standard 9V 200 hrs (approx.) |
| Sizes Meter Case | 5.7" x 3.2" x 1.5" (14.5cm x 8.2cm x 3.8cm) 13.5" x 8.0" x 5.5" (34.3cm x 20.3cm 14.0cm) |
| Weight | 0.4 lb. (0.2 kg) |
| Temperature Operating Non-operating | 0°C to +50°C -40°C to +75° |
| Humidity | 0% to 95%, non-condensing |
| Accessories Supplied | Battery, Operating Manual, 600 ml Beaker, Thermometer, Carrying Case ^a |

^a 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.