



TX900

Microwave Leakage Detector

The Amprobe TX900 microwave leakage detector has been designed to assist domestic and commercial appliance engineers with microwave ovens. The Amprobe TX900 can be used to verify if the oven operates in accordance with current standards and regulations.

- Measures for wave leakage and tests oven power
- 8 dipole sensors – allows detection of plane wave signals of any polarization
- Temperature compensation – accurate reading regardless of ambient temperature changes
- Compact, ergonomic design
- Low battery indication
- Analog Bar Graph
- Auto-zero
- Accessories supplied: Two 500 ml Plastic Beakers, Spirit (alcohol) Glass Thermometer, 9V battery, Carrying case, and Sample set of “RF Emission Labels”

No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive “No Hassle” warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

TX900 Microwave Leakage / RF Detector

Data Sheet

Specifications

| General Specifications | |
|-----------------------------|--|
| Display | 2-1/2 Digit LCD with 10 point bargraph display |
| Power Source | 9 Volt NEDA 1604A / IEC 6LR61 Battery |
| Low Battery | approx. 6 V |
| Nominal current | 10 mA |
| Sensor - Source Spacing | circular - 5 cm |
| Environmental | Indoor operation; below 6,562ft (2000m) |
| Operating Temperature | 0°C to 50°C (32°F to 122°F), < 80% RH |
| Storage Temperature | -20°C to 50°C (-4°F to 122°F), < 80% R.H. (with battery removed) |
| Dimensions | 23 x 4.2 x 4.4 cm (9.1 x 1.7 x 1.7 in.) |
| Weight | 0.15 kg (0.33 lb) |
| CE EMC | EN 61326-1:2006 This product complies with requirements of the following European Community Directives: 2004/108/EC (Electromagnetic Compatibility) and 2006/95/EC (Low Voltage) as amended by 93/68/EEC (CE Marking). However, electrical noise or intense electromagnetic fields in the vicinity of the equipment may disturb the measurement circuit. Measuring instruments will also respond to unwanted signals that may be present within the measurement circuit. Users should exercise care and take appropriate precautions to avoid misleading results when making measurements in the presence of electronic interference |
| Electrical | |
| RF Power Sensing Range | 0 to 10 mW/cm ² |
| Nominal Detecting Frequency | 2.45 GHz |
| Calibration Accuracy | ± 1dB in plane wave - circular polarization |
| Response to step input: | < 1 sec. |
| Resolution | 0.1 mW/cm ² |



Included Parts

TX-900 Microwave RF Detector
 2 x 500 ml Plastic Beakers
 Spirit (alcohol) Glass Thermometer
 9V PP3 type battery
 Carrying case
 Sample set of "RF Emission Labels"
 Registration card
 Certificate of Conformance
 Owner's manual

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