



Data Sheet

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

Amprobe® Test Tools
 website: www.Amprobe.com
 email: info@amprobe.com
 Everett, WA 98203
 Tel: 877-AMPROBE

Amprobe® Test Tools Europe
 Amprobe Test Tools Europe
 Beha-Amprobe GmbH
 In den Engematten 14
 79286 Glottertal, Germany
 Tel.: +49 (0) 7684 8009 - 0

©2009 Amprobe Test Tools. All rights reserved.
 03/2009 3465169 Rev A