



TESCO METERING

Reliable Results. Every Meter. Every Time.

Product Information Sheet



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Testing

Catalog No.

1120

RF Meter

PRODUCT INTRODUCTION

The TESCO RF Meter (Catalog No. 1120) is a compact, high-performance tool for detecting and measuring radio frequency, electric, and magnetic fields in the field.

Covering 50 MHz to 3 GHz, the RF Meter offers broad-spectrum capability to identify signal activity, detect interference, and validate transmitter operation.

Whether you're testing microwave ovens for leakage, auditing EMF levels, or verifying the operation of utility meters, the TESCO 1120 RF Meter is versatile, portable, and reliable.

FEATURES AT A GLANCE

- 3-in-1 measurement: RF, electric, and magnetic fields in one device
• Wide frequency coverage: 50 MHz to 3 GHz
• ON-AIR detection for active AMI meters and transmitters

ABOUT TESCO

Since 1904, TESCO has been the trusted partner of electric utilities worldwide, delivering durable, precise, and innovative metering solutions designed for the real-world demands of the field and the laboratory.

Reliable Results. Every Meter. Every Time.



- User-friendly settings dial with four modes
• High sensitivity for low-power signal detection
• Compact and lightweight design for field use
• Optional audio and backlight feedback for improved usability

SPECIFICATIONS

Frequency Range: 50 MHz-3000 MHz (3 GHz)

Maximum RF Range: * 19.999 mW/m2

RF Resolution: * 0.001mW/m2

Accuracy: 0.5x to 2x of reading

Settings

- A: Magnetic Field (0-100 milligauss range)
• B: Magnetic Field (0-3 milligauss range)
• C: Electric Field
• RF: Radio/microwave (mW/cm2)

Dimensions: 5.0 x 2.6 x 2.4 in (129 x 67 x 62 mm)

Weight: 8 oz

Battery: 9 Volt alkaline (40 hour life) / Low Battery Indicator