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AEMC INSTRUMENTS

GROUND TESTER MODEL 3610

CAT #1231.01

SPECIFICATIONS

Range: 0 to 50 Ω (25 Ω midscale)
0 to 500 Ω (250 Ω midscale)

Measurement Current: 3.2mA \pm 10%

Accuracy: 3% of range

Auxiliary Electrode Influence:

Rz: Compensated by calibration to 5000 Ω max

Ry: No influence to 5000 Ω max; 1.5% of range above 5000 Ω

Stray 50/60Hz Current Influence:

DC: 2% < for 5V

AC: 2% < 2.5Vrms on 500 Ω range

Operating Frequency: 325Hz \pm 20% square wave

Meter Movement: Rugged taut band movement

Scale: 4.9" (125mm) white scale with black pointer; one scale per range

Power Supply: Three 1.5V "AA" alkaline batteries

Battery Life: 3000 ten-second tests (typical)

Fuse: 100mA slow-blow 5 x 20mm

Dielectric Test: 2000Vrms

Operating Temperature:

14° to 122°F (-10° to 50°C)

Influence of Temperature:

Less than 0.5% after calibration

Relative Humidity: 90% maximum

Dimensions:

Instrument: 7.7 x 5.1 x 2.5" (195 x 130 x 60mm)

Rubber Case: 10.5 x 7 x 3.5" (268 x 178 x 89mm)

Weight:

Instrument: 1 lb 8 oz (.65kg)

In Rubber Case: 2 lb 9 oz (1.1kg)