

Tests Performed

CLASS 1 Earthed Appliance

- Appliance Check: Ensures appliance is plugged in and turned on.
- Earth Bond Test: 200mA test current. Pass level greater than 1 Ω .
Measurement: 0.5 to 10 Ω .
- Insulation Test: 500VDC / 250VDC. Pass level less than 1M Ω .
Measurement: 0.5 to 10M Ω . OR Earth Leakage Test: 240VAC Mains.
Pass level 1, 2.5, 5.0mA leakage test levels with up to 10Amp load operation.

CLASS 2 Double Insulated Appliances

- Appliance Check: Ensures appliance is plugged in and turned on.
- Earth Bond Test: 200mA test current. Pass level greater than 1 Ω .
Measurement: 0.5 to 10 Ω .
- Insulation Test: 500VDC / 250VDC. Pass level greater than 1M Ω .
Measurement: 0.5 to 10M Ω . OR Earth Leakage Test: 240VAC Mains.
Pass level 1, 2.5, 5.0mA leakage test levels with up to 10Amp load operation.

Extension Leads

- Earth Bond Test: 200mA test current. Pass Level less than 1 Ω .
Measurement: 0.0 to 10.0 Ω
- Insulation Test: 500VDC / 250VDC. Pass level greater than 1M Ω .
Measurement: 0.5 to 10.0M Ω .
- Continuity/Polarity Test: 250VAC check continuity and polarity of leads. Displays Pass/Fail.

Mains Supply Test

- Checks Polarity and continuity of mains supply by LED's (A-N, A-E, and N-E).

RCD Test (ITEST3760/ LR /LRC/ LRM models only)

- Trip Current: 2 to 500mA in 1mA steps. User selectable.
- Trip Time: 0 to 3,000ms at .001sec resolution.
- Current Ramp Trip Test: 0 to 500mA in 1mA increments.

Power Measurement (ITEST3760/ LRC/LRM models only)

- Leakage Current: 0 to 30.0mA at 0 to 300V
- Load Current: 0.0 to 10Amp
- Voltage: 0 to 250VAC
- Power Factor: 0.00 to 1.00
- Apparent Power: 0 to 2400VA
- Power 1 to 2400W