



# STANDARD

# Test & Measuring Instruments

## ANALOG INSULATION TESTER (1kV below)



CE

2732 IN

### FEATURES

- High quality Taut Band movement.
- Three insulation test voltage :
  1. 250Vdc - 100M $\Omega$
  2. 500Vdc - 200M $\Omega$
  3. 1000Vdc - 400M $\Omega$
- Two Continuity Test on "Low Ohms".
  1. 500 $\Omega$
  2. 3 $\Omega$
- Small and Lightweight, "all in one" case (do not need bag).
- AC voltmeter with linear scale up to 600Vac.
- 200mA continuity short circuit test current.
- 1mA test current on insulation test at nominal voltage.
- Automatic discharge of capacitance and inductive circuit off charge stored in the circuit under test.
- Live Warning and display of external voltage presence.
- Fuse, air gap, crowbar and overload protected.
- On line battery monitoring shows if battery is ok.
- Very low battery consumption.
- On-load battery check ( +/- 205mA load for worst case).
- Operates on 6 dry batteries AA, R6P type.
- Mirror scale.
- Push and Turn locking switch for long and hand free testing.
- IEC/EN 61010-1 CAT III 600V

### SPECIFICATIONS

#### Insulation Resistance

Test Voltage (DCV)	250V	500V	1000V
Output Voltage Open Circuit	+10%		
Measuring Ranges	0 ~ 100M $\Omega$	0 ~ 200M $\Omega$	0 ~ 400M $\Omega$
Mid-scale Valve	1M $\Omega$	2M $\Omega$	4M $\Omega$
Scale Multiplier	x1/2	x1	x2
Accuracy	$\pm$ 5% of full scale		
Output Current	$\pm$ 1.3mA		

#### Continuity

Measuring Ranges	3 / 500 $\Omega$
Output Short-Circuit Current	$\geq$ 210mA
Accuracy	$\pm$ 1% of scale length

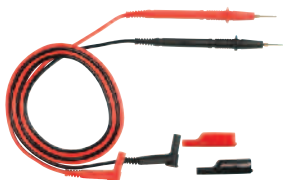
#### AC Voltage

Measuring Ranges	0 ~ 600V
Accuracy	$\pm$ 3% of scale length

#### General

Voltage Warning	Warning light circuit live lit from 90Vac / 70Vdc buzzer beep from 24Vac /dc.
Battery Check	Battery check indicate good batteries from 8Vdc to 13Vdc during a load test of 205mA. Battery ok : battery ok led lit from 6.5Vdc and is operative while testing.
Dimensions	205(L) x 90(W) x 55(D)mm
Weight	Approx. 550g (battery included)
Power Source	1.5V SUM-3 (R6P) x 6 or equivalent
Accessories	Test leads (TEL-AL11-A) Fuse (0.5A, 250V) Heavy-duty case Instruction manual Batteries

### Test leads



Authorized Distributor of SEW in China

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