







INSTALLATION TEST EQUIPMENT

	Analog Insulation Tester	Digital Insulation Tester	High Voltage 5kV Insulation Tester
	<p>Designed for SANS 10142 Testing</p> 		
Code	2732IN (1000V)	2751IN (1000V)	6305AIN (5000V)
Features	<ul style="list-style-type: none"> • High quality Taut Band movement • Two continuity test ranges on "low ohms" • Compact and lightweight • AC voltmeter with linear scale • Automatic discharge of capacitive & inductive circuit • Live warning and display of external voltage presence • Fuse, air gap, crowbar and overload protected • Low battery consumption • Mirror scale • Push and turn locking switch for continuous and hand free testing 	<ul style="list-style-type: none"> • Timer for test function (count 3-5 minutes) • Automatic circuit discharge • Continuity test with three phases • External voltage warning indication • Fuse protection • Data hold function • Auto power off function 	<ul style="list-style-type: none"> • PI (Polarization Index) indication • DAR (Dielectric Absorption Ratio) indication • Auto-ranging on all insulation ranges • Optical USB to RS-232 data transmission • Visual and audio warning of external voltage presence ($\geq 30V_{ac}$ or $\geq 30V_{dc}$) • Auto-hold function to freeze reading • Overload protection • Auto-off function • Adjustable testing duration: 1~30 minutes • Displays testing duration for insulation measurement • Data can be downloaded and saved to a PC or transferred for real-time display • 200 measurement results can be saved in the memory and recalled on the display
Ranges	<p>Insulation Resistance: Test voltage: (DC V) 250V / 500V / 1000V Measuring ranges: 0-100MΩ / 0-200MΩ / 0-400MΩ ($\geq 1.0mA$ SC) Continuity: Measuring range: 3Ω / 5Ω ($>200mA$ SC) AC Voltage: 0-600V AC Power source: 1.5V (AA) x 6</p>	<p>Insulation Resistance: Test voltage (DC V): 250V / 500V / 1000V Measuring ranges (auto ranging): 0-20MΩ / 0-200MΩ / 0-2000MΩ (1mA) Continuity: Measuring range: 0-20Ω / 0-200Ω / 0-2000Ω (200mA) AC Voltage: 0-600VAC Power source: 1.5V (AA) x 6</p>	<p>Insulation resistance: Test voltage: 500V / 1000V / 2500V / 5000V Measuring ranges: 1TΩ / 2TΩ / 5TΩ / 10TΩ Voltmeter: 30~600V AC/DC Power source: 1.5 (C) x 8</p>
	Analog Earth Resistance Tester	3 Wire Earth Resistance Tester	Digital Loop/PSC/Load Tester
			<p>Designed for SANS 10142 Testing</p> 
Code	2705ER	2720ER	2725LP
Features	<ul style="list-style-type: none"> • High quality Taut Band movement • Capable of measuring earth resistance and earth voltage • 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test. 	<ul style="list-style-type: none"> • Capable of measuring earth resistance and earth voltage • 2mA measuring current permits the testing of earth resistance without tripping earth leakage current breakers in the circuit under test. 	<ul style="list-style-type: none"> • Combined prospective short circuit current, loop and load tester • Measures the voltage drop as if 16A was flowing between Line and Neutral • Display voltage as if 16A flowing between Line and Neutral (V at 16A) • Loop test for L-E • PSC between L-N • Single smart push button operation: ON, Scroll through results and menus • Checks wiring integrity (LEDs) • Auto off/auto ranging (software range)
Ranges	<p>Earth resistance: 0-10Ω / 0-100Ω / 0-1000Ω Earth voltage: 0-30 VAC (40-500Hz) Measuring System: Earth resistance by constant current inverter 820 Hz, 2mA approx. Power source: 1.5V (AA) x 6</p>	<p>Earth resistance: 0-20Ω / 0-200Ω / 0-2000Ω Earth voltage: 0-200 VAC (40-500Hz) Measuring system: Earth Resistance by constant current inverter 820Hz approx. 2mA Power source: 1.5V (AA) x 6</p>	<p>Loop impedance range L-E: 0.03-2000Ω Test currents in each loop: 11.76A at 230V / 50Hz Voltage measurement: L-N 50 to 280VAC (Sine) Load current for volt drop (L-N): 16A (Calculation) PSC current (L-N) max: 6kA at 230VAC supply Operating voltage: 230V\pm20V at 50Hz Power Source: 1.5V (AA) x 6</p>