

Metrology	C.A 6541 and C.A 6543
■ INSULATION ⁽¹⁾⁽²⁾ Test voltages Range Resolution Accuracy Barring of test voltages	50 V 100 V 250 V 500 V 1000 V 2kΩ...200GΩ 4kΩ...400GΩ 10kΩ...1TΩ 20kΩ...2TΩ 40kΩ...4TΩ from 1kΩ to 1GΩ depending on range +/- (5%R + 3 cts) from 2kΩ...40GΩ then +/- (15%R + 10 cts) for each test voltage
■ RESISTANCE ⁽¹⁾ Range Resolution Accuracy	0.01 Ω...400 kΩ from 0.01 Ω to 100 Ω depending on range +/- (3%R + 3 cts)
■ CONTINUITY ⁽¹⁾ Audible beep Range Resolution Accuracy Measurement current Lead compensation	Yes 0.01 Ω...40 Ω 0.01 Ω +/- (3%R + 4 cts) > 200 mA (0.01... 19.99 Ω) Yes
Automatic voltage test Range Resolution Accuracy	
Automatic capacitance test Range Resolution Accuracy	

(1) Before each measurement there is an automatic voltage test that prohibits measurement if a voltage is present on the test element.

(2) Each insulation test is automatically followed by a voltage test, to monitor the discharging of the tested circuit, and a capacitance test.