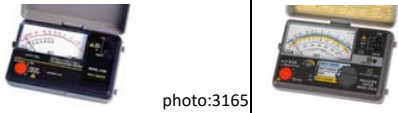















Selection Guide of Insulation Testers

Analogue Insulation Testers				Analogue Insulation/Continuity Testers		
MODEL	3165	3166	3161A	3431	3131A	3132A
Appearance	 photo:3165					
Test voltage	1 range		2 ranges	3 ranges		
Rated voltage (Max.measurement value)	500V(1000MΩ)	1000V(2000MΩ)	15V(20MΩ) 500V(100MΩ)	250V(200MΩ) 500V(200MΩ) 1000V(2000MΩ)	250V(100MΩ) 500V(200MΩ) 1000V(400MΩ)	250V(100MΩ) 500V(200MΩ) 1000V(400MΩ)
Continuity ranges	-	-	-	-	2/20Ω	3/500Ω
AC Voltage ranges	600V	600V	600V	600V	-	600V
DC Voltage ranges	-	-	-	600V	-	-
Back light	-	-	✓	✓	✓	-
Power source	R6 x 4	R6 x 4	R6 x 4	LR6 x 4	R6 x 6	R6 x 6
Dimensions (L)x(W)x(D)mm	90x137x40	90x137x40	90x137x40	97x156x46	167x185x89	106x160x72
Weight(Approx.)	330g	330g	340g	430G	860g	560g

Digital Insulation/Continuity Testers								
MODEL	3005A	3007A	3021A	3022A	3023A	3551	3552	3552BT
Appearance			 photo:3021A			 photo:3552BT		
Test voltage	3 ranges		4 ranges			6 ranges		
Rated voltage (Max.measurement value)	250V(20MΩ) 500V(200MΩ) 1000V(2000MΩ)	250V(20MΩ) 500V(200MΩ) 1000V(2000MΩ)	125V(200MΩ) 250V(200MΩ) 500V(2000MΩ) 1000V(2000MΩ)	50V(200MΩ) 100V(200MΩ) 250V(2000MΩ) 500V(2000MΩ)	100V(200MΩ) 250V(2000MΩ) 500V(2000MΩ) 1000V(2000MΩ)	50V(100MΩ) 100V(200MΩ) 125V(250MΩ) 250V(500MΩ) 500V(2000MΩ) 1000V(4000MΩ)	50V(100MΩ) 100V(200MΩ) 125V(250MΩ) 250V(500MΩ) 500V(20GΩ) 1000V(40GΩ)	50V(100MΩ) 100V(200MΩ) 125V(250MΩ) 250V(500MΩ) 500V(20GΩ) 1000V(40GΩ)
Continuity ranges	20/200/2000Ω	20/200/2000Ω	40/400Ω	40/400Ω	40/400Ω	40/400/4000Ω	40/400/4000Ω	40/400/4000Ω
AC Voltage ranges	600V	600V	20 - 600V	20 - 600V	20 - 600V	2.0 - 600V	2.0 - 600V	2.0 - 600V
DC Voltage ranges	-	-	-20 - -600V 20 - 600V	-20 - -600V 20 - 600V	-20 - -600V 20 - 600V	-2.0 - -600V 2.0 - 600V	-2.0 - -600V 2.0 - 600V	-2.0 - -600V 2.0 - 600V
Back light	-	✓	✓	✓	✓	✓	✓	✓
Communication Interface	-	-	-	-	-	-	✓	✓*1
Power source	R6 x 8	R6 x 8	R6 x 6	R6 x 6	R6 x 6	LR6 x 4	LR6 x 4	LR6 x 4
Dimensions (L)x(W)x(D)mm	167x185x89	167x185x89	105x158x70	105x158x70	105x158x70	97x156x46	97x156x46	97x156x46
Weight(Approx.)	970g	990g	600g	600g	600g	490g	490g	490g

*1 USB communication and Bluetooth communication possible

Analogue High Insulation Testers				
MODEL	3121B/3122B	3123A	3124A	
Appearance	 photo:3121B			
Test voltage	1 range		2 ranges	Variable
Rated voltage (Max.measurement value)	3121B: 2500V(100GΩ) 3122B: 5000V(200GΩ)		5000V(200GΩ) 10000V(400GΩ)	1000V(100MΩ) 1k - 10kV(100GΩ)
AC/DC Voltage ranges	-	-	-	-
Back light	-	-	-	-
Current	-	-	-	-
Capacitance	-	-	-	-
Power source	LR14 x 8		R6 x 8	Ni-MH rechargeable battery x 8
Dimensions (L)x(W)x(D)mm	177x226x100		200x140x80	200x140x80
Weight(Approx.)	3121B: 1600g 3122B: 1700g		1000g	1500g

Digital High Insulation Testers				
MODEL	3025A	3125A	3127	3128
Appearance				
Test voltage	4 ranges	5 ranges	5 ranges	6 ranges(Variable)
Rated voltage (Max.measurement value)	250V(100MΩ) 500V(1000MΩ) 1000V(2GΩ) 2500V(100GΩ)	250V(100MΩ) 500V(1000MΩ) 1000V(2GΩ) 2500V(100GΩ) 5000V(1000Ω)	250V(9.99GΩ) 500V(99.9GΩ) 1000V(199GΩ) 2500V(999GΩ) 5000V(9.99TΩ)	500V(500GΩ) 1000V(1TΩ) 2500V(2.5TΩ) 5000V(5TΩ) 10000V(35TΩ) 12000V(35TΩ)
AC/DC Voltage ranges	30 - 600V AC/DC	30 - 600V AC/DC	30 - 600V AC/DC	30 - 600V AC/DC
Back light	✓	✓	✓	✓
Current	-	-	0.00nA - 5.50mA	5.00nA - 2.40mA
Capacitance	-	-	5.0nF - 50.0μF*2	5.0nF - 50.0μF*3
Power source	LR14 x 8	LR14 x 8	Rechargeable lead storage battery (12V)	Rechargeable lead storage battery (12V)
Dimensions(L)x(W)x(D)mm	177x226x100	205x152x94	380x430x154 (Instrument and Hard case)	330x410x180 (Instrument and Hard case)
Weight(Approx.)	1700g	1900g	8000g	9000g

*2 At 5000V range 5.0nF - 25.0μF

*3 At 10000V/12000V range 5.0nF - 1.0μF