

ARD-IT30 Cut Sheet



ARDENT insulation tester, AC/DC voltage, AC/DC current, resistance, continuity, capacitance, frequency and temperature, 300A, CAT III 600V/CAT II 1000V, True RMS.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/ARD-IT30>

Technical Specifications

Brand	ARDENT
Item	Insulation tester
Multimeter Type	Autoranging
Safety Rating	CAT III 600V/CAT II 1000V
AC Voltage Range	0-3.000 VAC, 0-30.00 VAC, 0-300.0 VAC and 0-1000 VAC
DC Voltage Range	0-30.00 mVDC, 0-300.0 mVDC, 0-3.000 VDC, 0-30.00 VDC, 0-300.0 VDC and 0-1000 VDC
AC Current Range	0-30.00A with amp probe and 0-300.0A with amp probe
DC Current Range	0-300.0 μ A, 0-3.000 mA, 0-30.00 mA and 0-300.0 mA
Resistance Range	0-30.00 ohm, 0-300.0 ohm, 0-3.000 kohm, 0-30.00 kohm, 0-300.0 kohm, 0-3.000 Mohm and 0-30.00 Mohm
Insulation Resistance Range	50V Test Voltage = 100 kohm to 1.0 Mohm, 1.0 Mohm to 16.0 Mohm, 14.0 Mohm to 155.0 Mohm, 100V Test Voltage = 100 kohm to 3.0 Mohm, 2.8 Mohm to 31.0 Mohm, 28.0 Mohm to 310.0 Mohm, 250V Test Voltage = 100 kohm to 800 Kohm, 700 kohm to 8.0 Mohm, 7.0 Mohm to 80.0 Mohm, 70 Mohm to 800 Mohmn, 500V Test Voltage = 100 kohm to 1.6 Mohm, 1.4 Mohm to 16.0 Mohm, 14.0 Mohm to 160.0 Mohm, 140 Mohm to 1600 Mohm and 1000V Test Voltage = 100 kohm to 3.1 Mohm, 2.8 Mohm to 31.0 Mohm, 28.0 Mohm to 310.0 Mohm, 280 Mohm to 3100 Mohm
Capacitance Range	0-30.00 nF, 0-300.0 nF, 0-3.000 μ F and 0-30.00 μ F
Frequency Range	0-300.0 Hz, 0-3.000 kHz, 0-30.00 kHz and 0-100.0 kHz
Non-Contact AC Voltage Detection	No
True RMS	Yes
Diode Tester	Yes
Duty Cycle	2.0-98.0%
Temperature Range	-328 deg F to 1562 deg F and -200 deg C to 850 deg C

Includes	Fuse (1.6A), rubber holster, normal tip probe set, alligator clip set, temperature adaptor, instruction manual and test certificate
Applicable Standards	CE, IEC 61557, IEC 61326: Class B, IEC 61000-4-2, IEC 61000-4-3, IEC 61010-1-2001 and IEC 60529
IP Rating	IP20
Application	Electrical testing and insulation testing

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Agency Approvals

CE	View CE declarations
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document