








INSULATION TESTER SERIES

Selection guide

Model	IR4056	IR4057	IR4053	IR4016 to IR4018		3490	3455		
									
Basic Specifications									
Display		Digital	Digital (Bar graph)	Digital	Analog Meter			Analog Meter	Digital (Bar graph)
					IR4016	IR4017	IR4018		
Display backlight function		✓	✓	✓	✓	✓	✓	✓	✓
Testing voltage	50V DC	✓	✓	✓	N/A	N/A	N/A	N/A	N/A
	125V DC	✓	✓	✓	N/A	N/A	N/A	N/A	N/A
	250V DC	✓	✓	✓	N/A	N/A	N/A	✓	✓
	500V DC	✓	✓	✓	✓	✓	N/A	✓	✓
	1000V DC	✓	✓	✓	N/A	N/A	✓	✓	✓
	2500V DC	N/A	✓	✓	N/A	N/A	N/A	N/A	✓
	5000V DC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓
Effective maximum indicated value		100MΩ (50V) 250MΩ (125V) 500MΩ (250V) 2000MΩ (500V) 4000MΩ (1000V)	100MΩ (50V) 250MΩ (125V) 500MΩ (250V) 2000MΩ (500V) 4000MΩ (1000V)	100MΩ (50V) 250MΩ (125V) 500MΩ (250V) 2000MΩ (500V) 4000MΩ (1000V)	100MΩ (500V DC)	1000MΩ (500V DC)	2000MΩ (1000V DC)	100MΩ (250,500V DC) 4000MΩ (1000V DC)	250GΩ (250V) 500GΩ (500V) 1.00TΩ (1kV) 2.50TΩ (2.50kV) 5.00TΩ (5.00kV)
Low resistance		✓	✓	N/A	N/A	N/A	N/A	✓	N/A
AC Voltage		✓	✓	✓	✓	✓	✓	✓	✓
DC Voltage		N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
PV dedicated function		N/A	N/A	✓	N/A	N/A	N/A	N/A	N/A
Functions									
Comparator		✓	✓	✓	N/A	N/A	N/A	N/A	N/A
Memory		N/A	N/A	N/A	N/A	N/A	N/A	N/A	✓

Quick Response Comparator Offering Reading Stability in High-speed Digital Format

INSULATION TESTER IR4057



Optional Test lead L9788-10
Bright LED lamp & comparator
indicator (green lamp)



Comparator function
Fail alert with Red LCD illuminator



- 5-range testing voltage of 50 V/100 MΩ to 1000 V/4000 MΩ
- Digital bar graph
- Stable & high-speed digital readings, 0.3 second response time for PASS/ FAIL decisions
- Drop proof onto concrete from 1m (3.28 feet)
- Bright LED, luminous LCD, test lead with bright LED lamp to illuminate near hand (Option L9788-11 or L9788-10)
- Continuity check via 200 mA testing
- Built in AC/DC voltage meter, useful for testing solar power generation systems and electric vehicles

Order Code: IR4057-20

■ Basic specifications (Accuracy guaranteed for 1 year)

Rated output voltage	50 VDC	125 VDC	250 VDC	500 VDC	1000 VDC
Effective maximum indicated value	100 MΩ	250 MΩ	500 MΩ	2000 MΩ	4000 MΩ
Accuracy	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.
1st effective measuring range MΩ	0.200 - 10.00	0.200 - 25.0	0.200 - 50.0	0.200 - 500	0.200 - 1000
Lower limit resistance	0.05 MΩ	0.125 MΩ	0.25 MΩ	0.5 MΩ	1 MΩ
Overload protection	AC 600 V (10s)				AC 1200 V (10s)
DC voltage measurement	4.2 V (0.001 V resolution) to 600 V (1 V resolution), 4 ranges, Accuracy: ±1.3% rdg. ±4 dgt., Input resistance: 100 kΩ or higher				
AC voltage measurement	420 V (0.1 V resolution) / 600 V (1 V resolution), 2 ranges, 50/60 Hz, Accuracy: ±2.3% rdg. ±8 dgt., Input resistance: 100 kΩ or higher, Average rectifier				
Low resistance measurement	For checking the continuity of ground wiring, 10 Ω (0.01 Ω resolution) to 1000 Ω (1 Ω resolution), 3 ranges, Basic accuracy: ±3 % rdg. ±2 dgt., testing current 200 mA or more (at 6 Ω or less)				
Display	Semi-transmissive FSTN LCD with back lighting, bar-graph indicator				
Response time	Approx. 0.3 second for PASS/FAIL decision (based on in-house testing)				
Other functions	Indicate MΩ measurement value after a lapse of one minute, Live circuit indicator, Automatic electric discharge, Automatic DC/AC detection, Comparator, Drop proof, Auto power save				
Power supply	LR6 (AA) alkaline batteries × 4, Continuous use: 20 hours (based on in-house testing) Number of measurements: 1000 times (at 5 s ON, 25 s OFF cycle, insulation measurement of lower limit resistance value to maintain nominal output voltage)				
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 640 g (22.6 oz) (including batteries, excluding test leads)				
Accessories	Test lead L9787 ×1, Neck strap ×1, Instruction manual ×1, LR6 (AA) alkaline batteries ×4				

Our Most Popular Model Offering Reading Stability in Medium-speed Digital Format

INSULATION TESTER IR4056



Optional Test lead L9788-10
Bright LED lamp & comparator
indicator (green lamp)



Comparator function
Fail alert with Red LCD illuminator



- 5-range testing voltage of 50 V/100 MΩ to 1000 V/4000 MΩ
- Stable & medium-speed digital readings, 0.8 response time of PASS/ FAIL decisions
- Drop proof onto concrete from 1m (3.28 feet)
- Bright LED, luminous LCD, test lead with bright LED lamp to illuminate near hand (Option L9788-11 or L9788-10)
- Continuity check via 200 mA testing
- Built in AC/DC voltage meter, useful for testing solar power generation systems and electric vehicles

Order Code: IR4056-20

■ Basic specifications (Accuracy guaranteed for 1 year)

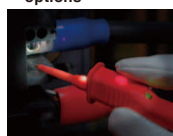
Rated output voltage	50 VDC	125 VDC	250 VDC	500 VDC	1000 VDC
Effective maximum indicated value	100 MΩ	250 MΩ	500 MΩ	2000 MΩ	4000 MΩ
Accuracy	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.	±2 % rdg. ±2 dgt.
1st effective measuring range MΩ	0.200 - 10.00	0.200 - 25.0	0.200 - 50.0	0.200 - 500	0.200 - 1000
Lower limit resistance	0.05 MΩ	0.125 MΩ	0.25 MΩ	0.5 MΩ	1 MΩ
Overload protection	AC 600 V (10s)				AC 1200 V (10s)
DC voltage measurement	4.2 V (0.001 V resolution) to 600 V (1 V resolution), 4 ranges, Accuracy: ±1.3 % rdg. ±4 dgt., Input resistance: 100 kΩ or higher				
AC voltage measurement	420 V (0.1 V resolution) / 600 V (1 V resolution), 2 ranges, 50/60 Hz, Accuracy: ±2.3% rdg. ±8 dgt., Input resistance: 100 kΩ or higher, Average rectifier				
Low resistance measurement	For checking the continuity of ground wiring, 10 Ω (0.01 Ω resolution) to 1000 Ω (1 Ω resolution), 3 ranges, Basic accuracy: ±3 % rdg. ±2 dgt., testing current 200 mA or more (at 6 Ω or less)				
Display	Semi-transmissive FSTN LCD with back lighting, bar-graph indicator				
Response time	Approx. 0.8 second for PASS/FAIL decision (based on in-house testing)				
Other functions	Live circuit indicator, Automatic electric discharge, Automatic DC/AC detection, Comparator, Drop proof, Auto power save				
Power supply	LR6 (AA) alkaline batteries ×4, Continuous use: 20 hours (based on in-house testing) Number of measurements: 1000 times (at 5 s ON, 25 s OFF cycle, insulation measurement of lower limit resistance value to maintain nominal output voltage)				
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 600 g (21.2 oz) (including batteries, excluding test leads)				
Accessories	Test lead L9787 ×1, Neck strap ×1, Instruction manual ×1, LR6 (AA) alkaline batteries ×4				

Measure PV Insulation Resistance Safely, Accurately and Quickly

INSULATION TESTER IR4053



options



TEST LEAD SET WITH REMOTE SWITCH L9788-11
Bundled with Test Lead with Remote Switch L9788-10 / earth lead and alligator clip, 1.2 m (3.94 ft)



CAT III 600 V

- Safely and accurately measure PV insulation resistance even while generating solar power
- Built-in PV dedicated function, display measurements in 4 seconds
- Five ranges (50/125/250/500/1000V) built in for normal insulation resistance measurement
- Built-in 1000 VDC voltage measurement for open voltage tests of PV systems that support 1000 V
- Built-in comparator function
- Drop proof design withstands drop onto concrete from a height of 1 meter

Order Code: IR4053-10

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

PVΩ measurement

Rated output voltage	DC 500 V	DC 1000 V
Effective maximum indicated value	2000 MΩ	4000 MΩ
Measuring range/ Accuracy	0.200 to 500 MΩ / ±4% rdg. 501 to 2000 MΩ / ±8% rdg.	0.200 to 1000 MΩ / ±4% rdg. 1010 to 4000 MΩ / ±8% rdg.
Other measuring range / Accuracy	0 to 0.199 MΩ / ±2% rdg. ±6 dgt.	

Insulation resistance measurement

Rated output voltage	DC 50 V	DC 125 V	DC 250 V	DC 500 V	DC 1000 V
Effective maximum indicated value	100 MΩ	250 MΩ	500 MΩ	2000 MΩ	4000 MΩ
Accuracy 1st effective measuring range MΩ	±4% rdg. 0.200 to 10.00	±4% rdg. 0.200 to 25.0	±4% rdg. 0.200 to 50.0	±4% rdg. 0.200 to 500	±4% rdg. 0.200 to 1000
Lower limit resistance	0.05 MΩ	0.125 MΩ	0.25 MΩ	0.5 MΩ	1 MΩ

DC voltage measurement	4.2 V (0.001 V resolution) to 1000 V (1 V resolution), 4 ranges, Accuracy: ±1.3% rdg. ±4 dgt., (Ranges in excess of 1000 V are not guaranteed for accuracy)
AC voltage measurement	420 V (0.1 V resolution)/600 V (1 V resolution), 2 ranges, 50/60 Hz, Accuracy: ±2.3% rdg. ±8 dgt., (Ranges in excess of 600 V are not guaranteed for accuracy.)
Display	Semi-transmissive FSTN LCD with back lighting, Backlight
Response time	Insulation resistance range: 1 second, PVΩ function: 4 seconds (based on in-house tests)
Other functions	Live circuit indicator, automatic electric discharge, automatic DC/AC detection, comparator, drop proof, auto power save
Power supply	AA alkaline batteries (LR6) ×4, Continuous operating time: Approx. 20 hours (based on in-house tests)
Dimensions and mass	159 mm (6.26 in) W × 177 mm H (6.97 in) H × 53 mm (2.09 in) D, Approx. 600 g (21.2 oz) (including batteries, excluding test lead)
Accessories	TEST LEAD L9787 ×1, Neck strap ×1, Instruction manual ×1, AA alkaline batteries (LR6) ×4

Shared options for the Insulation Tester IR4057, IR4056, IR4053

Exclusively for the L9787 *The L9787 is bundled

L9787 options



TEST LEAD L9787
Bundled with Lime/ Earth lead, alligator clip, 1.2 m (3.94 ft) length



BREAKER PIN L9787-91
For checking breaker terminal, Detachable for tip of the L9787, 48 mm (1.89 in) length, φ 2.6 mm (0.10 in)

Exclusively for the L9788-10/ L9788-11

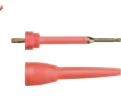
L9788 options



TEST LEAD SET WITH REMOTE SWITCH L9788-11
Bundled with Remote switch type test lead L9788-10/ Earth lead, alligator clip, 1.2 m (3.94 ft) length



TEST LEAD WITH REMOTE SWITCH (RED) L9788-10
Lighting LED lamp & comparator indicator, 1.2 m (3.94 ft) length



TIP PIN L9788-90
Spare parts for tip of the L9788/ L9788-10, Tip length 35 mm (1.38 in)



BREAKER PIN L9788-92
For checking breaker terminal, Detachable for tip of the L9788-10, 65 mm (2.56 in) length, φ 2.6 mm (0.10 in)

Shared Option



MAGNETIC ADAPTER 9804-02
Attached to the Earth side lead tip, Tip diameter 11 mm (0.43 in)

Reliable and Efficient Insulation Testing in the Field

ANALOG MΩ HiTESTER IR4018



- Single range testing voltage of 1000 V
- Test insulation resistance up to 2000 MΩ
- Built tough to withstand a 1-meter drop onto a concrete floor
- Bright LED luminous scale
- Check for live circuits and battery status
- Integrated hard case for quick and easy storage without disconnecting the leads

Order Code: IR4018-20

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Rated output voltage	1000 V DC
Effective maximum indicated value	2000 MΩ
Accuracy 1st effective measuring range	±5 % of indicated value 2 to 1000 MΩ
Lower limit resistance	1 MΩ (measurement resistance value to maintain testing voltage)
Overload protection	1200 V AC (10 sec.)
AC voltage measurement	0 to 600 V (50/60 Hz), ±5 % of maximum scale value accuracy, 500 kΩ or more input resistance
Other functions	Bright LED luminous scale, Drop proof (on concrete, 1 m/1 time), Battery check, Live circuit check, Auto discharge
Power supply	LR6 (AA) alkaline batteries ×4, Continuous use: 15 hours (no load)
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 610 g (21.5 oz), (including battery, excluding test lead)
Accessories	Test lead L9787 ×1, LR6 (AA) alkaline batteries ×4, Instruction manual ×1, Shoulder strap ×1

Reliable and Efficient Insulation Testing in the Field

ANALOG MΩ HiTESTER IR4017



- Single range testing voltage of 500 V
- Test insulation resistance up to 1000 MΩ
- Built tough to withstand a 1-meter drop onto a concrete floor
- Bright LED luminous scale
- Check for live circuits and battery status
- Integrated hard case for quick and easy storage without disconnecting the leads

Order Code: IR4017-20

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Rated output voltage	500 V DC
Effective maximum indicated value	1000 MΩ
Accuracy 1st effective measuring range	±5 % of indicated value 1 to 500 MΩ
Lower limit resistance	0.5 MΩ (measurement resistance value to maintain testing voltage)
Overload protection	600 V AC (10 sec.)
AC voltage measurement	0 to 600 V (50/60 Hz), ±5 % of maximum scale value accuracy, 500 kΩ or more input resistance
Other functions	Bright LED luminous scale, Drop proof (on concrete, 1 m/1 time), Battery check, Live circuit check, Auto discharge
Power supply	LR6 (AA) alkaline batteries ×4, Continuous use: 20 hours (no load)
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 610 g (21.5 oz), (including battery, excluding test lead)
Accessories	Test lead L9787 ×1, LR6 (AA) alkaline batteries ×4, Instruction manual ×1, Shoulder strap ×1

Reliable and Efficient Insulation Testing in the Field

ANALOG MΩ HiTESTER IR4016



- Single range testing voltage of 500 V
- Test insulation resistance up to 100 MΩ
- Built tough to withstand a 1-meter drop onto a concrete floor
- Bright LED luminous scale
- Check for live circuits and battery status
- Integrated hard case for quick and easy storage without disconnecting the leads

Order Code: IR4016-20

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Rated output voltage	500 V DC
Effective maximum indicated value	100 MΩ
Accuracy 1st effective measuring range	±5 % of indicated value 0.1 to 50 MΩ
Lower limit resistance	0.5 MΩ (measurement resistance value to maintain testing voltage)
Overload protection	600 V AC (10 sec.)
AC voltage measurement	0 to 600 V (50/60 Hz), ±5 % of maximum scale value accuracy, 500 kΩ or more input resistance
Other functions	Bright LED luminous scale, Drop proof (on concrete, 1 m/1 time), Battery check, Live circuit check, Auto discharge
Power supply	LR6 (AA) alkaline batteries ×4, Continuous use: 20 hours (no load)
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 610 g (21.5 oz), (including battery, excluding test lead)
Accessories	Test lead L9787 ×1, LR6 (AA) alkaline batteries ×4, Instruction manual ×1, Shoulder strap ×1

Shared options for the Analog MΩ HiTester series IR4018 to IR4016, 3490

Exclusively for the L9787 *The L9787 is bundled

L9787 options



TEST LEAD L9787
Bundled with Line/Earth lead, alligator clip, 1.2 m (3.94 ft) length

BREAKER PIN L9787-91
For checking breaker terminal, Detachable for tip of the L9787, 48 mm (1.89 in) length, φ 2.6 mm (0.10 in)

Exclusively for the L9788-10/ L9788-11

L9788 options



TEST LEAD SET WITH REMOTE SWITCH L9788-11
Bundled with Remote switch type test lead L9788-10/ Earth lead, alligator clip, 1.2 m (3.94 ft) length

TEST LEAD WITH REMOTE SWITCH (RED) L9788-10
Lighting LED lamp & comparator indicator, 1.2 m (3.94 ft) length

TIP PIN L9788-90
Spare parts for tip of the L9788/ L9788-10, Tip length 35 mm (1.38 in)

BREAKER PIN L9788-92
For checking breaker terminal, Detachable for tip of the L9788-10, 65 mm (2.56 in) length, φ 2.6 mm (0.10 in)

Shared option



MAGNETIC ADAPTER 9804-02
Attached to the Earth side lead tip, Tip diameter 11 mm (0.43 in)

Insulation Testing in 3 Easy Steps: Flip the Cover, Select Range & Test

ANALOG MΩ HITESTER 3490



- 3-range testing voltage of 250/500 V (insulation resistance testing up to 100 MΩ), and 1000 V (insulation testing up to 4000 MΩ)
- Continuity check at 3 Ω range via 200 mA testing
- Bright LED luminous scale
- Check for live circuits and battery status

Order Code: 3490

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Rated output voltage	250 V DC	500 V DC	1000 V DC
Effective maximum indicated value	100 MΩ	100 MΩ	4000 MΩ
Accuracy	±5 % of indicated value	±5 % of indicated value	±5 % of indicated value
1st effective measuring range	0.05 to 50 MΩ	0.05 to 50 MΩ	2 to 1000 MΩ
Lower limit resistance	0.25 MΩ	0.5 MΩ	1 MΩ
Overload protection	(Measurement resistance value to maintain testing voltage)		
	1200 V AC (10 sec.)		
Low resistance	3 Ω (at 200 mA testing current), ±0.09 Ω accuracy, 30 Ω (at 20 mA testing current), ±0.9 Ω accuracy, Open-circuit voltage: 4.1 to 6.9 V		
AC voltage measurement	0 to 600 V (50/60 Hz), ±5 % of maximum scale value accuracy, 100 kΩ or more input resistance		
Other functions	Bright LED luminous scale, Drop proof (on concrete, 1 m/1 time), Battery check, Live circuit check, Auto discharge		
Power supply	LR6 (AA) alkaline batteries ×4, Continuous use: 20 hours (at 500 V range, no load)		
Dimensions and mass	159 mm (6.26 in)W × 177 mm (6.97 in)H × 53 mm (2.09 in)D, 610 g (21.5 oz), (including battery, excluding test lead)		
Accessories	Test lead L9787 ×1, Instruction manual ×1, Shoulder strap ×1, LR6 (AA) alkaline batteries ×4		

Maximum 5kV Test Voltage - Up to 5TΩ of Insulated Resistance Testing

HIGH VOLTAGE INSULATION HITESTER 3455



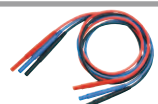
- Measure insulation of high-voltage equipment (such as transformers, cables, and motors)
- Wide testing voltage range, up to 5.00 kV from 250 V DC
- Adjustable testing voltage in 25 V steps up to 1 kV, and 100 V steps from 1 kV to 5 kV
- Wide measurement insulation range, up to 5 TΩ (at 5 kV testing voltage, 1 TΩ=10¹² Ω)
- Diagnose the insulation of various equipment with the built-in memory for data storage

Order Code: 3455

■ Basic specifications (Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Testing voltage	250 V DC	500 V DC	1 kV DC	2.5 kV DC	5 kV DC
Measurement resistance organization (Auto ranging)	0.00MΩ - 999MΩ, 9.0MΩ - 99.9MΩ, 90MΩ - 999MΩ, 0.90GΩ - 9.99GΩ, 9.0GΩ - 99.9GΩ, 90GΩ - 250GΩ	0.00MΩ - 9.99MΩ, 9.0MΩ - 99.9MΩ, 90MΩ - 999MΩ, 0.90GΩ - 9.99GΩ, 9.0GΩ - 99.9GΩ, 90GΩ - 500GΩ	0.00MΩ - 9.99MΩ, 9.0MΩ - 99.9MΩ, 90MΩ - 999MΩ, 0.90GΩ - 9.99GΩ, 9.0GΩ - 99.9GΩ, 90GΩ - 1.00TΩ	0.00MΩ - 9.99MΩ, 9.0MΩ - 99.9MΩ, 90MΩ - 999MΩ, 0.90GΩ - 9.99GΩ, 9.0GΩ - 99.9GΩ, 90GΩ - 2.50TΩ	0.00MΩ - 9.99MΩ, 9.0MΩ - 99.9MΩ, 90MΩ - 999MΩ, 0.90GΩ - 9.99GΩ, 9.0GΩ - 99.9GΩ, 90GΩ - 5.00TΩ
Accuracy	±5% rdg. ±5dgt. 0.00MΩ - 2.50GΩ	±5% rdg. ±5dgt. 0.00MΩ - 5.00GΩ	±5% rdg. ±5dgt. 0.00MΩ - 10.0GΩ	±5% rdg. ±5dgt. 0.00MΩ - 25.0GΩ	±5% rdg. ±5dgt. 0.00MΩ - 50.0GΩ
Short current	2 mA or less	2 mA or less	2 mA or less	2 mA or less	2 mA or less
Leak current measurement	1.00 nA to 1.20 mA, 6 ranges (current measurement that occurs when test voltage is generated)				
Voltage measurement	±50 V to ±1.00 kV DC, 50 V to 750 V AC (50/60 Hz), Accuracy: ±5 % rdg. ±5 dgt. , Input resistance: Approx. 10 MΩ				
Temperature measurement	-10.0 °C to 70.0 °C, Accuracy: ±1.5 °C, 0.0 °C to 40.0 °C, Accuracy: ±1.0 °C (used with the 9631-01/-05 optional sensor)				
Other functions	Insulation diagnose, Data memory, PC communication, Elapsed time display, Clock, Averaging function, Data storage, Auto discharge, Auto power off, etc.				
Display	Digital LCD, max. 999 dgt. with backlight, Bar graph display				
Power supply	LR6 (AA) alkaline batteries ×6, Battery pack 9459, or AC adapter 9753 (100 - 240 VAC, output 12 VDC) Continuous use : [LR6] 5 hr, [9459] 9 hr, (Occur 5 kV, +/- open terminal)				
Dimensions and mass	260 mm (10.24 in)W × 251 mm (9.88 in)H × 120 mm (4.72 in)D, 2.8 kg (98.8 oz)				
Accessories	Test lead 9750-01 (red) ×1, Test lead 9750-02 (black) ×1, Test lead 9750-03 (blue) ×1, Alligator clip 9751-01 (red) ×1, Alligator clip 9751-02 (black) ×1, Alligator clip 9751-03 (blue) ×1, Instruction manual ×1, LR6 (AA) alkaline batteries ×6, USB cable ×1, PC application software (CD-R) ×1				

Bundled Accessories



TEST LEAD 9750-01
Red one, 3 m (9.84 ft) length
TEST LEAD 9750-02
Black one, 3 m (9.84 ft) length
TEST LEAD 9750-03
Blue one, 3 m (9.84 ft) length



ALLIGATOR CLIP 9751-01
Red one
ALLIGATOR CLIP 9751-02
Black one
ALLIGATOR CLIP 9751-03
Blue one

Options



TEMPERATURE SENSOR 9631-01
Molded type, 1 m (3.28 ft) length,
-40 to 180 °C, 100 sec response time, sensor part dimensions φ 6 × 28 mm (φ 0.24 in × 1.10 in)



TEMPERATURE SENSOR 9631-05
Molded type, 30 mm (1.18 in) length,
-40 to 180 °C, 100 sec response time, sensor part dimensions φ 6 × 28 mm (φ 0.24 in × 1.10 in)



TEST LEAD 9750-11
Red one, 10 m (32.81 ft) length
TEST LEAD 9750-12
Black one, 10 m (32.81 ft) length
TEST LEAD 9750-13
Blue one, 10 m (32.81 ft) length



BATTERY PACK 9459
NiMH, Charges while installed in the main unit



AC ADAPTER 9753
100 to 240 V AC