



Extech's range of Megohmmeters provides the type of display, test voltages and features for any basic high resistance test. Insulation Resistance is key to diagnosis of problems and repair of motors, generators, transformers and cables.



Featuring Models with:

Analog Display
with low 50V range for testing telecom cables

Automatic 3 Minute Test
with safety power lock enables "hands free" operation

Automatic Discharge
at end of test

<< 380360 Digital Megohmmeter

A powerful meter in a small package. With a large easy to read digital display, multiple test voltages, low ohms and voltage functions and an automatic three minute test, this meter is perfect for most common applications.



High Voltage Megohmmeter
Resistance Checker
See pg 23 for details



High Voltage
Test Leads

Accessories

380379 ...High Voltage Test Leads (for 380350 & 380353)\$79
380399 ...High Voltage Resistance Checker\$79
403999 ...Analog Output Cable (for 403360)\$10

NIST Certificate

\$105

For an additional charge, Extech will supply your meter complete with a Certificate of Calibration Traceable to N.I.S.T. **To order meter with NIST**, add "NIST" to the meter part number and add \$105 to the cost of your meter. (i.e. 380360-NIST \$304).



380350

\$179

Analog Low Voltage Megohmmeter

Analog tester for telecom cable and other low voltage applications

- Three test voltages of 50V, 125V and 250V
- Insulation Resistance to 100MΩ
- Fuse protected and automatic discharge circuit
- Test Lock for extended time tests
- 2mA short circuit current
- AC Voltage measurements
- Low resistance test
- Live Power and Power Applied indicator lamps
- Optional 380379 High Voltage test leads and 380399 Resistance Checker to check the performance of your Megohmmeter
- Complete with built-in carrying case with cover and carry strap, test leads, alligator clips, and 8 x AA batteries

Specifications

Model	380350
Insulation Resistance:	20MΩ, 50MΩ, 100MΩ
Max Resolution:	—
Basic Accuracy:	±5% of scale
Insulation Test Voltages:	50V, 125V, 250V
AC Voltage Test:	Yes
Low Resistance Test:	Yes
Power source:	8 x AA batteries
Dimensions:	6.7x6.5x3.7" (170x165x92mm)
Weight:	34oz (970g) includes batteries
CE:	Yes
Category Rating:	CAT III-600V
Warranty:	1 year
Price:	\$179



380353
\$179

Analog High Voltage Megohmmeter

1000V analog tester with self storage case

- Three test voltages of 250V, 500V and 1000V
- Insulation Resistance to 400MΩ
- Fuse protected and automatic discharge circuit
- Test Lock for extended time tests
- 2mA short circuit current
- AC Voltage measurements
- Low resistance test
- Live Power and Power Applied indicator lamps
- Optional 380379 High Voltage test leads and 380399 Resistance Checker to check the performance of your Megohmmeter
- Complete with built-in carrying case with cover and carry strap, test leads, alligator clips, and 8 x AA batteries



403360
\$119

ProbeMeter™ Megohmmeter

1000V digital tester with large backlit display

- 1000V test voltage
- Insulation Resistance to 2000MΩ
- Large 3-1/2 Digit (1999 count) multifunction backlit LCD with Data Hold
- Two ranges with 2% basic accuracy
- Auto Hold and Auto power off
- Optional 380399 Resistance Checker to check the performance of your Megohmmeter
- Complete with carrying case and 4 x AAA batteries (optional 403999 DC recorder output cable available)



380360
\$199

Digital Megohmmeter

1000V digital tester with automatic 3 minute test

- Three test voltages of 250V, 500V and 1000V
- Insulation Resistance to 2000MΩ
- Safety Power Lock enables "hands free" operation for 3 minute test
- Automatic discharge when safety "Press to Test" button is released
- Auto power off and Data Hold
- Large 0.65" (17mm) LCD display
- Automatic zero adjustment
- Continuity measurements to 200Ω and Voltage to 600VAC
- Optional 380399 Resistance Checker to check the performance of your Megohmmeter
- Complete with 6 x AA batteries, heavy duty 2.5ft (0.8m) test leads, alligator clip, large probe, and case with neckstrap

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Insulation Testers

380353

100MΩ, 200MΩ, 400MΩ

—

±5% of scale

250V, 500V, 1000V

Yes

Yes

8 x AA batteries

6.7x6.5x3.7" (170x165x92mm)

34oz (970g) includes batteries

Yes

CAT III-600V

1 year

\$179

403360

20MΩ, 200MΩ

0.01MΩ

±2%

1000V

—

—

4 x 1.5V AAA batteries

7x1.7x1.6" (170x44x40mm)

5.8oz (180g)

Yes

CAT II-600V

1 year

\$119

380360

200MΩ, 2000MΩ

0.1MΩ

±3%rdg

250V, 500V, 1000V

Yes

Yes

6 x AA batteries

3.8x6.3x2.3" (97x160x58mm)

13oz (369g)

Yes

CAT III-600V

1 year

\$199



Extech's advanced capability **Insulation Resistance testers** include features for datalogging measurement results and for high voltage material analysis. Ranges to 10,000V and 500GΩ are available for high stress testing of insulation strength. Portability and battery operation improve the meters' versatility.

Featuring Models with:

High Voltage to 10kV

with 500V increments for overvoltage insulation analysis

High Resistance to 500GΩ

for insulation materials testing

Built-in Clock

for timed measurements

PC Interface and Datalogging

for storing and reporting

Analog bargraph

for viewing trends



<< 380385 High Voltage Insulation Tester

performs high voltage and high resistance tests. A dual line dot matrix display clearly indicates test voltage, insulation resistance value and the duration of the test. This meter provides high performance at a reasonable price.

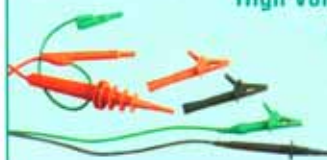
High Voltage Resistance Checker 380399

- 13 step resistance decade box from 1Ω to 500MΩ
- Input Voltage to 1000V
- See pg. 23 for details



High Voltage Test Leads

- Included with 380375 and 380385 High Voltage Insulation Testers



NIST Certificate
(Where Available)

\$105

For an additional charge, Extech will supply your meter complete with a Certificate of Calibration Traceable to N.I.S.T. **To order meter with NIST**, add "-NIST" to the meter part number and add \$105 to the cost of your meter. (i.e. 380366-NIST \$554).

*NIST not available for 380375 and 380385

Accessories

- 380399High Voltage Resistance Checker\$79
- 380379High Voltage Test Leads\$79

Specifications

Model	
Insulation Resistance:	
Max Resolution:	
Basic Accuracy:	
Insulation Test Voltages:	
AC Voltage Test:	
Low Resistance Test:	
Power source:	
Dimensions:	
Weight:	
CE:	
Category Rating:	
Warranty:	
Price:	

NEW!

380366

\$449



Insulation Tester + Datalogger

Autoranging insulation measurements to 4000M Ω with 250/500/1000V Test Voltages and 1mA test current

- Datalogging function stores up to 16,000 readings with single store or a programmable rate of 1 to 65,000 seconds per sample
- Three test voltages of 250V, 500V, 1000V
- Measure Insulation Resistance to 4000M Ω
- Large dual 4000 count backlit LCD and fast 50 segment analog display
- Data Hold, Test Lock, Audible continuity, and Low Resistance functions
- Measure up to 600V AC
- RS-232 PC interface with Windows® 95/98/NT/2000/ME/XP compatible software
- Open circuit, overrange and low battery indications
- Complete with built-in carrying case with cover, test leads, alligator clips, RS-232 PC cable, software, neckstrap, and 8 x AA batteries

380375

\$669



Digital High Voltage Insulation Tester

5kV digital tester with real time voltage bargraph

- Four DC test voltages 0.5kV, 1kV, 2.5kV, 5kV
- Measure Insulation Resistance to 250G Ω
- Large LCD with real-time bargraph display of test voltage and voltage decay during discharge
- Microprocessor based with advanced safety features
- Test duration (up to 99.9s) is displayed
- Live circuit display warning and beeper
- Enersave™ feature to extend battery life
- Autoranging and Auto-off functions
- Complete with built-in carrying case with cover, 8 x AA batteries, and test leads

380385

\$999



Digital High Voltage Insulation Tester

10kV digital tester with 500V increments and high voltage warning alarm

- Test voltages of 500V to 10kV in 500V increments
- Measure Insulation Resistance to 500G Ω
- LCD display indicates test voltage, test duration and insulation resistance
- Measures insulation test voltages up to 10kV and insulation test time
- Insulation resistance
- Autoranging on all ranges
- Automatic external live voltage warning
- High voltage applied warning buzzer
- Complete with built-in heavy duty carrying case with cover, test leads, and 8 x C batteries

2

Insulation Testers

380366

4M Ω , 40M Ω , 400M Ω , 4000M Ω

1k Ω

±3%

250V, 500V, 1000V

Yes

400 Ω

8 x AA batteries

7.9x5.5x3.7" (200x140x95mm)

1.8lbs (900g)

Yes

CAT III-600V

1 year

\$449

380375*

25G Ω , 50G Ω , 125G Ω , 250G Ω

1k Ω

±3%

0.5kV, 1kV, 2.5kV, 5kV

Yes

—

8 x AA batteries

4.7x6.7x3.7" (120x170x95 mm)

1.94lbs (880g)

Yes

1 year

\$669

380385*

25G Ω , 500G Ω

1k Ω

±3%

0.5kV to 10kV

Yes

—

8 x C batteries

13x10.2x6.3" (330x260x160mm)

7.9lbs (3.6kg)

Yes

1 year

\$999