

Amprobe Testers

SOLAR POWER METER



- Measures Solar Power and Transmission
- Reads up to 2000 W/m² or 634 BTU/(ft² x h)
- Large Display & Separate Sensor
- Displays Transmission Percentage
- MAX/MIN & Data Hold

◀ **SOLAR-100** CE

Optimize the placement of solar systems and verify window efficiency.

SPECIFICATIONS

Measurement Range:	1999 W/m ² , 634 BTU/(ft ² x h)
Display:	3½ digits, 2000 counts
Sampling Time:	Approx 0.25 second
Accuracy:	Typically within ±10W/m ² [±3 BTU/(ft ² x h)] or ±5%, whichever is greater in sunlight
Angular Accuracy:	Cosine corrected < 5% for angles < 60°
Battery:	9V alkaline included
Operating Temperature:	5-40°C (41-104°F), <80%RH (non-condensing)
Dimensions:	5.2" x 2.4" x 1.5" (132x60x38 mm)

PSYCHROMETER

- Temperature, RH, Dew Point & Wet Bulb Measurements
- Extended Flex Probe
- Dual Display with Backlight
- MAX/MIN & Data Hold
- Tripod Mountable

CE

▶ **THWD-5**



SPECIFICATIONS

Range:	RH: 0 to 100% Temperature: -10 to 60°C (14 to 140°F) DP: -73.4 to 59.9°C (-100 to 139.8°F) WB: -13.4 to 59.9°C (7.88 to 139.8°F)
Accuracy:	RH: ±3% from 10 to 90% at 25°C and ±5% for others Temperature: ±0.6°C (±1°F)
Response Time:	60 seconds
Resolution:	0.1°C / 0.1°F
Temperature:	0 to 50°C (32 to 122°F) operating, up to 100% RH
Battery (Life):	Four AAA (100 hrs w/o backlight, 50 hrs w. backlight)
Dimensions:	6.9" x 2.8" x 1.3" (175x70x33 mm)
Included:	Hard carrying case, batteries, probe

NON-CONTACT AC VOLTAGE DETECTOR

- Visual & Audible Indication
- Measure to 122kV
- Self-test Verification
- Drop Proof to 6 ft



▶ **TIC 300 PRO** CE

SPECIFICATIONS

Voltage Range:	30-1500 VAC 1500- 122,000 VAC (with Hot Stick TIC 410A)
Detection Range (typical):	2.7" @ 30 V, 18" @ 120 V, 28" @ 220 V, 50" @ 500 V, 75" @ 1000 V, 93" @ 1500 V
with Hot Stick:	1' 2" @ 1.5 kV, 2' 5" @ 2 kV, 6' 3" @ 10 kV, 9' 4" @ 25 kV, 14' 8" @ 75 kV, 22' @ 122 kV

NEW

SWIVEL CLAMP METERS

- 180° Rotating Head
- Measure to 400A AC, 600V AC/DC
- Resistance, Capacitance, Continuity
- One Hand Operation
- Auto & Manual Ranging
- Non-Contact Voltage Detection



▶ **ACD-20SW**

SPECIFICATIONS

DC Volts Ranges:	400mV, 4V, 40V, 400V, 600V
Accuracy:	±(0.5% rdg + 2 dgts)
AC Volts Ranges:	4V, 40V, 400V, 600V (50-500Hz)
Accuracy:	±(1.2% rdg + 5 dgts), [1.5% on 600V range]
AC Current Ranges:	40A, 400A (50-60Hz)
Accuracy:	±(2.0% rdg + 6 dgts)
Resistance Ranges:	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ
Accuracy:	±(1.0% rdg + 4 dgts) on 400Ω to 400kΩ ranges
Continuity:	Audible indication less than 25Ω
Non-Contact Voltage:	Beeper & red LED for 70V to 600VAC (50-60Hz)
Other Features:	Diode test, display hold, auto power off, noise filter
Display:	3¾ digit LCD, maximum reading 3999
Temperature:	0 to 50°C (32 to 122°F) operating, <70% RH
Power (Life):	2 AAA batteries (alkaline 400 hrs)
Wire Diameter:	1.18" (30mm) max.
Dimensions:	12" x 5.3" x 1.2" (306x135x30 mm)
Rating:	CAT III 600V
Included:	Battery, test leads, carrying case

CAT IV ANALOG CLAMP METERS

- Measure to 1000A & 600V AC
- Resistance & Continuity
- Pointer Lock for Data Hold
- Operates Down to 5° F
- No Batteries Needed for Volts & Amps



▶ **RS-3 PRO**

CE

SPECIFICATIONS

Display:	Analog scales with clamping needle
AC Voltage Ranges:	150 / 300 / 600 Vrms
Input Impedance:	1.5 MΩ
AC Amp Ranges:	6 / 15 / 40 / 100 / 600 Arms [1000 A on RS-1007 PRO]
Accuracy:	± 3% of Full Scale for Volts & Amps (50/60 Hz)
Ohms Range:	1000Ω, 25Ω mid-scale
Accuracy:	± 3 degrees of arc
Max. Wire Diameter:	1.64" (41mm) [1.88" (47mm) on RS-1007 PRO]
Power:	One AAA battery for resistance & continuity
Temperature:	-15 to 50°C (-5 to 122°F) operating, <80% RH
Dimensions:	RS-3 PRO: 10.3" x 4.0" x 1.6" (243x102x41 mm)
Safety LVD Rating:	CAT IV 600V AC

ORDERING INFORMATION

AB/SOLAR-100	Solar Power Meter
AB/THWD-5	Temperature, RH, Dew Point & Wet Bulb Meter
AB/TIC 300 PRO	Non-Contact AC Voltage Detector
AB/TIC 410A	Hot Stick Accessory for TIC 300 Pro (1.5-122 kV)
AB/ACD-20SW	400A Swivel Clamp Meter
AB/ACD-21SW	400A Swivel Clamp Meter w/ Temperature & Capacitance
AB/RS-3 PRO	CAT IV 600A Analog Clamp Meter
AB/RS-1007 PRO	CAT IV 1000A Analog Clamp Meter