



## Fall 2008 New Product Introduction



## Amprobe launches 18 new products to measure:

- Humidity
- Temperature
- Air Flow
- Sound
- Light
- Gas Detection
- Distance
- RPM
- Pressure
- Cable Wiring



[www.Amprobe.com](http://www.Amprobe.com)

Continuing to deliver quality and versatility in test and measurement

# TEMPERATURE & RH

**Potential Users: Data Centers, HVAC,  
Plant Maintenance, Food and Beverage**



## **TMD-10 Dual Temperature Meter**

*The Amprobe TMD-10 is a completely portable, dual input thermometer. With a digital dual display, that displays T1, T2 and T1-T2. Measures in either Celsius or Fahrenheit degrees.*

- Compatible with K and J type thermocouples
- Dual temperature for easy Super-Heat and Sub-Cool calculations
- Min/Max recording
- Relative reading (T1 – T2)
- Includes carrying case, battery and Type K thermocouple probes



## **TH-1 Compact Probe Style Relative Humidity Meter**

*Take Amprobe's TH-1, a small portable RH/Temp meter, anywhere for those quick comfort-level measurements. Offers an easy-to-read dual digital display with Data Hold to freeze measurement results on the screen.*

- Compact size goes and measures anywhere
- Dual display for RH and Temperature
- Metric or English measurement results
- Stores Min/Max readings for comparisons
- Data Hold function

## **THWD-5 Relative Humidity and Temperature Meter with Wet Bulb and Dew Point**

*Amprobe's THWD-5 psychrometer is a microprocessor-based unit, designed for HVAC and Plant Maintenance engineers and technicians. Easy and quick access to Wet bulb and Dew point values as well as Relative Humidity and Temperature. The THWD-5 is equipped with an extended probe for easy target access, a large dual LCD display, and is tripod mountable.*



- Four measurements in one meter
- Relative Humidity, Temperature, Dew Point and Wet Bulb
- Extended probe for easy target access
- Measure both relative humidity and temperature together
- Temperature in °C or °F, front panel selectable
- Includes deluxe hard carrying case and batteries

# TEMPERATURE & RH

**Potential Users: Data Centers, HVAC, Plant Maintenance, Food and Beverage**

*Amprobe's Model TR100, TR200 and TR300 record temperature readings in a compact size unit. Set up these parameters for recording: Sample interval timing, Start/Stop, Date/Time, HI/LO Alarm Threshold, Unit Selection, and number of Memory points.*

## **TR100 and TR200 Temperature Data Loggers with Digital Display**

- Instrument for indoor air quality monitoring
- Wall mountable
- Air Temperature displays in either C°/ F°
- Offers visible LEDs warnings to monitor IAQ condition
- Memory points selection :1000, 2000, 4000, 8000, 12000,16000
- Measures and records Relative Humidity (TR200)
- Includes RS232 Cable, Download Suite Software CD and Battery
- IP65 rated for dust and moisture

## **TR300 Temperature and Relative Humidity Data Logger**

- Instrument for indoor air quality monitoring
- Wall mountable, self-standing or tripod mountable
- Large triple digital display
- Temperature, Relative Humidity, Dew Point and °C / °F
- Offers both visible LEDs plus audible warnings to monitor IAQ condition
- Memory points selection: 1000, 2000, 4000, 6000, 8000,12000,16000
- Includes USB Cable, Download Suite Software CD, Feet and Batteries

## **TMA40 Anemometer, Relative Humidity and Temperature**

*The Amprobe TMA40 provides three measurements in one unit: Air Flow (velocity or volume), Relative Humidity and Temperature*

- Three measurements in one meter
- Flexible measurement vane for accessing difficult areas
- Measure multiple points up to 99
- Data Logging of measurements, 2400 data points
- Set display results for Metric or English
- Includes RS232 interface cable, Software CD and hard carrying case

For detailed product specifications go to [www.Amprobe.com](http://www.Amprobe.com)







# LIGHT METERS

**Potential Users: Manufacturing, Education, Healthcare, Aerospace, Industrial Construction, Voice & Data**

## LM-100 Light Meter and LM-120 Light Meter with Auto Ranging

The Amprobe LM-100 and LM-120 light meters measure the visible light from fluorescent, metal halide, high-pressure sodium or incandescent sources. They are portable, easy-to-use digital light meters designed for simple one-hand operation reading in Lumen (lux) or footcandle (fc) units. Both measure a wide range of light up to 20,000 fc or 200,000 lux with an accurate, high resolution of 0.01 fc/lux.

- Measure in Lux or Footcandles
- Silicon photodiode sensor and filter
- Data Hold to freeze reading on the digital display
- MIN / MAX ability to show high and low readings
- Offers capability to zero the display before a reading (LM-120)
- Includes protective sensor cap



# SOUND METERS

**Potential Users: Manufacturing, Education Healthcare Aerospace, Industrial, Construction, Voice & Data**

## SM-10 and SM-20 Sound Meter

The Amprobe SM-10 and SM-20 Sound Level Meters are designed to meet the measurement requirements of Safety Engineers, Health, Environmental and Industrial safety offices plus Quality Control in various environments. They offer two types of measurements: A and C weighting.

- Frequency range: 31.5Hz~8KHz
- Display with 0.1dB steps on a 4 digits LCD
- Internal memory, 14,000 records (SM-20)
- Recording intervals from 1 second to 8 hours (SM-20)
- PC computer download capabilities (SM-20)
- Conforms to IEC 651 Type 2, ANSI S1.4 Type 2
- Optional sound meter calibrator, SM-CAL1



SM-CAL1



# GAS DETECTION

**Potential Users: Healthcare, Utility, Building Maintenance, Construction, Electrical Contractors, HVAC**

## CM100 Carbon Monoxide Meter

The Amprobe CM100 is a compact size CO meter for measuring and displaying the presence of carbon monoxide and at what level. You can set the meter's alarm to alert when CO concentration goes beyond a pre-determined safety level. The CM100 User manual has a chart of published safety levels for CO.

- Adjustable CO warning level
- Dual digital display
- Backlight for viewing in dim areas
- Auto Power Off
- Self-Test feature
- Includes battery and carrying case



## GSD600 Gas Leak Detector

The Amprobe GSD600 is a fast responding gas leak detector for methane and propane gas. The meter emits a frequency tone when gas is detected. The frequency of the beep coincides with the concentration of the gas. The LEDs display the level of gas present in an area or room. Pinpoint gas leaks for closed piping systems. Use the mute function in quiet work areas and utilize the LED displays or headset option (headset not included).

- Detects Methane and Propane gas
- Quickly identifies and pinpoints gas leaks
- Automatic calibration feature
- 5 level LED leak alarm
- Flexible probe to access difficult measurement areas
- Auto Power Off



For detailed product specifications go to [www.Amprobe.com](http://www.Amprobe.com)



# LAN CABLE TESTER

**Potential Users: Data Centers, Utility, Construction, Building Maintenance, Consumer Goods, Voice & Data, Security**

## LAN-1 Lan Cable Tester

*The Amprobe LAN-1 Cable Tester is designed for testing opens, shorts and miswired cable installations. It is designed to work with various data cables and connectors. This cable tester provides a quick go / no-go LED display of the wiring and connection of item under test. You can either step through the test cable wiring one at a time or have the unit automatically pulse through the pin-outs and display the results.*

- Test pin configuration for: 10/100 base-T cable, 10 base-2 cable, RJ45 modular cables, AT&T 258A cable, EIA/TIA 568A/568B cables, Token Ring Cable
- Verify the cable wiring for continuity, opens, shorts or incorrect wiring
- Test installed cable on wall plate or the patch panels by using the Remote Terminator module
- Includes Remote Terminator, 1 ea RJ45 to female BNC cable, 1 ea RJ45 to male BNC cable, 1 ea 1 RJ45 to RJ45 cable, 1 ea female BNC to female BNC connector and 9 volt battery



Remote Terminator

# DISTANCE

**Potential Users: Utility, Building Maintenance, Construction, Industrial, Electrical Contractors, HVAC**

## UDM45 Ultrasonic Distance Meter with Laser Pointer

*The Amprobe UDM45 is the perfect ultrasonic distance meter for quickly measuring the area or volume of a room. The user can take single distance measurements or use the UDM45 to take continuous measurements.*



- Quickly measure the area of a room
- Laser pointer for easy targeting
- Choose between feet or meter measurement results
- Make straight line measurements to a target
- Calculates area and volume
- Adds together two measurement results
- Measures up to 15m (50 ft)

For detailed product specifications go to [www.Amprobe.com](http://www.Amprobe.com)

# RPM

**Potential Users: Utility, Building Maintenance, Manufacturing, HVAC**

## TACH20 Contact and Non-Contact Tachometer

*The Amprobe TACH20 hand-held tachometer accurately measures rotational or surface speed as well as length. It comes with a large digital display that allows the user to easily read the measurement.*

*The TACH20 is supplied with all the necessary accessories designed with optimal mechanical stability to ensure accurate, reliable, and repeatable measurements. In addition to the mechanical adapter that accepts a variety of tips, as well as the surface speed wheel for contact rpm measurement, the TACH20 can perform non-contact measurement by using the infrared beam function and reflective tape.*

- Measures rotational surface speed and length
- Built-in memory
- Auto power off function
- Easy to select units and mode functions
- Select rpm using infrared beam or adapter:  
m/min, m/sec, ft/min, ft/sec, in/min, m, ft, and in.
- Includes 5 Adapters, Carrying Case, Reflective Tapes and Batteries



# PRESSURE

**Potential Users: Building Maintenance, HVAC**

## MAN02 Hand Held Manometer

*The Amprobe MAN02 is a portable, battery operated pressure measuring device. The right tool for HVAC/R technicians measuring pressure level, or anyone working with valves, control sensors.*

*Large dual digital display shows gauge or pressure values. It also has a relative time clock for measuring when particular events happen, for instance minimums and maximum readings.*

- Reads gauge and differential pressure
- Measure range 0 to 2 psi
- Five selectable units of measure: InH<sub>2</sub>O, psi, mbar, bar, mmH<sub>2</sub>O
- Ideal for measuring HVAC/R pressure levels
- Offers Maximum and Minimum value recordings, Data Hold
- Includes connection hoses and hard carrying case



For detailed product specifications go to [www.Amprobe.com](http://www.Amprobe.com)

# DISTRIBUTOR ORDERING INFORMATION

To order Amprobe products, please fax distributor purchase orders to 425-446-5844. Call 1-800-752-5717 for questions on orders.

Model#	Item#	UPC Code	Description	Dimensions H x W x D	Country of Origin	Suggested US List Price
TMD10	3052394	0 95969 41933 8	Dual Temperature Portable Thermometer	11.8" x 6.6" x 3.0"	Taiwan	\$ 99.95
TH-1	3311871	0 95969 46384 3	Compact Probe Style Relative Humidity Meter	9.6" x 3.7" x 1.0"	China	\$ 64.95
THWD-5	3311803	0 95969 46378 2	RH, Temperature, Wet Bulb, Dew Point	14.6" x 8.1" x 3.0"	China	\$ 139.95
TR100	3311880	0 95969 46385 0	Temperature Data Logger with Digital Display	6.7" x 5.6" x 2.3"	China	\$ 79.95
TR200	3311898	0 95969 46386 7	Temperature/RH Data Logger w/Digital Display	6.7" x 5.6" x 2.3"	China	\$ 99.95
TR300	3311844	0 95969 46382 9	Temperature and RH Data Logger	6.7" x 5.6" x 2.3"	China	\$ 154.95
TMA40	3311815	0 95969 46379 9	Anemometer, Relative Humidity, Temperature	14.6" x 8.1" x 3.0"	China	\$ 299.95
LM-100	3052348	0 95969 41928 4	Light Meter	11.8" x 6.6" x 3.0"	Taiwan	\$ 94.95
LM-120	3052353	0 95969 41929 1	Light Meter with Auto Ranging, Null feature	11.8" x 6.6" x 3.0"	Taiwan	\$ 119.95
SM-10	3052366	0 95969 41930 7	Sound Meter	11.8" x 6.6" x 3.0"	Taiwan	\$ 149.95
SM-20	3052375	0 95969 41931 4	Sound Meter, Recording, PC output	11.8" x 6.6" x 3.0"	Taiwan	\$ 349.95
SM-CAL1	3052382	0 95969 41932 1	Sound Meter Calibrator	6.5" x 3.2" x 1.9"	Taiwan	\$ 229.95
CM100	3311826	0 95969 46380 5	Carbon Monoxide Meter	7.5" x 2.9" x 2.0"	China	\$ 139.95
GSD600	3311832	0 95969 46381 2	Gas Leak Detector	14.6" x 8.1" x 3.0"	China	\$ 149.95
LAN-1	3052401	0 95969 41934 5	Lan Cable Tester	11.8" x 6.6" x 3.0"	Taiwan	\$ 69.95
UDM45	3311945	0 95969 46387 4	Ultrasonic Distance Meter with Laser	8.3" x 5.9" x 1.9"	China	\$ 39.95
TACH20	3311961	0 95969 46388 1	Tachometer, Combo Contact and Noncontact	8.9" x 7.8" x 2.6"	Germany	\$ 349.95
MAN02	3311867	0 95969 46383 6	Hand Held Manometer	11.7" x 7.8" x 2.6"	China	\$ 189.95

## AMPROBE PARTNER PORTAL

### [www.Amprobe.com/advertising](http://www.Amprobe.com/advertising)

The Amprobe advertising section of the web is a password-free extranet style site just for our distributors, reps, and sales staff. It contains a wealth of information that will help you sell more Amprobe test tools, including:

- Photos
- Product data sheets
- Web assets
- Advertisements
- Brochures
- Catalogs
- New product introductions
- Hard-copy literature ordering

These files may be downloaded or printed so you can pass them on to your customers, or use the content for your own marketing pieces. Fast access just a mouse click away!

### Looking for hard-copy printed data sheets?

The Amprobe advertising section of the web is the easiest way to place orders with our literature warehouse. Simply log on to [www.amprobe.com/advertising](http://www.amprobe.com/advertising), press order POD data sheets, and you will be forwarded to our literature warehouse site where you will use a shopping cart style ordering system.

### Order FREE Amprobe Merchandising material

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