SM-10 and SM-20A Sound Meters

These sound meters meet the measurement needs of safety engineers, health, industrial and safety offices as well as quality control. Use them to check compliance with safety regulations and perform acoustic analysis. They use two different weighting filters required by the IEC 651 and ANSI S1.4 Type 2 for audio filtering.

- A-weighting for general noise sound level
- C-weighting for measuring sound level of acoustic material control in various environments

- Display with 0.1dB steps on a 4-digit LCD
- Slow (1 sec) and fast (125ms) response settings to check peak and average noise levels
- PC interfaces (SM-20A only)

FEATURES	SM-10	SM-20-A
Microphone	1/2" Electret condenser microphone	
Standard Applied	IEC 651 Type 2, ANSI 1.4 Type 2	
Dynamic Range	50 dB	
Time Weighting	FAST (125 mS), SLOW (1 sec)	
Frequency Range	31.5 Hz → 8 kHz	
Measuring Level Range (Auto Range)	A-Weighting: 30 dB → 130 dB C-Weighting: 35 dB → 130 dB	
Data	Data hold	Min/max
Internal Memory	-	14,000 records

INCLUDED ACCESSORIES: Carrying case, users manual, battery (installed), USB cable download and software CD (SM-20A only)

CE N10140

SM-CAL1 Sound Meter Calibrator

This instrument generates the fixed sound level signals needed to calibrate sound level meters.

CE N10140

- Two output levels: 94 dB and 114 dB
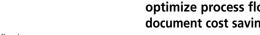- Output frequency:1000Hz
- Fits ½" microphones
- Easy one-handed operation

- Low battery indicator
- CE: conforms to ANSI S1.40 – 1984 and IEC942 – 1988 Class 2

INCLUDED ACCESSORIES: Battery (installed), users manual

TIME-10 and TIME-20 Stopwatches

By analyzing and precisely timing each task, you can optimize process flow, verify improvement times and document cost savings on production floors or assembly lines.

- Chronograph: 1/100 stop watch, split/lap time
- Time display: hour, minute, second, day, week day, month and year
- Alarm function
- Hourly chime
- Water resistant
- Dual time LCD with count-down timer and 5-lap time (TIME-20 only)

FEATURE	TIME-10	TIME-20
Normal Time	Days, Month, Date, Hour, Minute, Second, AM/PM, 12/24 Hours, Alarm Sign Hourly Chime	
Alarm Time	Hour, Minute, Alarm Sign Hourly Chime	
Chronograph	1/100 Stop watch Max Count: 50:59 (Minute : Second) (99/100Sec)	1/100 Stop watch Max Lap: 5 Recall: Last 4 Max Count: 50:59 (Minute : Second) (99/100Sec)
Count-down Timer	–	Hour, Minute, Second Min Count: 1 Sec Max Count: 23:50:59 (Hour : Minute : Second)

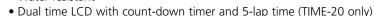**INCLUDED ACCESSORIES**: Users manual

For detailed specifications go to www.Amprobe.com

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ORDERING INFORMATION

SM-10
SOUND METER

SM-20 A
SOUND METER DATALOGGING
W/ PC SOFTWARE

SM-CAL1
SOUND METER CALIBRATOR

TIME-10
STOP WATCH

TIME-20
STOP WATCH

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Solar Energy
and Battery Testers

GREEN
You need to be ready to test and troubleshoot new technologies as they emerge and alternative energy is the hottest trend. Amprobe's solar solutions suite equips you to install, maintain and troubleshoot solar systems as well as analyzing the energy efficiency of solar panels, water heaters and windows. Use the Amprobe line of battery testers not only for green energy applications but also to test UPS and battery back-up systems.