

### Digital Sound Level Meters



93517



93565



#### FEATURES

- Measurement of the sound pressure level
- Sound level measurement in accordance with frequency evaluation filters A and C, with direct, digital display in decibel (dB)
- Max Hold
- Selectable sample rate, slow/fast
- Tripod connection feature
- AC and DC voltage output for connecting to spectrum analyzers, level recorders, or FFT analyzers
- Data memory for 99 measurements

#### TECHNICAL SPECIFICATION

93517

Display	:	LCD, 4 Digit with bargraph
<b>Measuring Ranges/Resolution</b>	:	30 to 130 dB / (0.1 dB)
Frequency range	:	30 Hz to 12 kHz
Recorder Output	:	AC: 1 Vrms at 5 K $\bar{A}$ , DC: 10mV / dB at 5 K $\bar{A}$
Power Supply	:	1 x 9 V, IEC 6LR61
Dimensions	:	264 x 68 x 27 mm
Weight	:	approx. 260 g

93565

Microphone	:	1/2-inch electret condenser type
Total range	:	32 ... 130 dB
Accuracy	:	$\pm$ 1.4 dB
Time weighting	:	FAST (125 ms)
Frequency weighting	:	A
Frequency range	:	31,5Hz ... 8kHz
Referency frequency	:	1 kHz
Reference level	:	94dB
Display	:	3 1/2 LC-Display 1999 Digit
Resolution	:	0.1dB
Sampling interval	:	approx. 0.5 s
Power Supply	:	2 pcs. 1.5 V IEC R03 or LR03
Dimensions	:	206 x 42 x 25 mm
Weight	:	approx. 100 g incl. batteries
Operating temperature	:	0 °C ...+40 °C/ 10 ... 90% RH
Storage temperature	:	-10 °C ...+60 °C/ 10 ... 75% rel. RH

### Lamp Tester



LT 200

#### FEATURES

- Indispensable instrument for fault finding in all gas-filled low pressure and high pressure discharge lamps.
- For neon tubes or fluorescent fittings the test is carried out without disassembly the UUT.
- Built in continuity tester for starters, chokes, coils, capacitors, etc. with optic and acoustic display.
- Complete with single-pole voltage tester.
- Test procedure consists of comparison between new item & UUT.

#### DESCRIPTION

The Lamp Testers are designed for comparison testing of various gasfilled low and high pressure discharge lamps.

This test is based on a comparison between a new, functioning lamp and the lamp to be tested.

The gas in the Lamp is ionised by a high voltage and lights up. The additional, built in continuity tester can be used to test coils and chokes, capacitors and soft starters.

#### TECHNICAL SPECIFICATION

Voltage /Test	:	
Frequency	:	3 kV approx./160 kHz
Field Strength	:	100 $\mu$ V/m approx
Display	:	Optic and acoustic for continuity and single-pole voltage test.
Voltage Proof	:	250V AC/DC
Continuity Range	:	0...5 M $\bar{A}$
Test Current	:	<7 $\mu$ A
Power Supply	:	9V, IEC 6LR61
Dimensions	:	235 x 75 x 40 mm.
Weight	:	approx. 150g.

