

# Laserliner®

## SoundTest-Master



### Noise level measuring instrument with integrated long-term storage

Rev.0211



- Measurement of noise levels with frequency weighting filter according to dB (A) and dB (C) standard curves
- Selectable time weighting factors (fast 125 ms/ slow 1 s) for optimum adaptation to noise dynamics
- Long-term recording function with 16000 storage points or real-time logging on PC
- Selectable analogue indicator for visual assessment
- Calibrated and adjusted by means of standard 94 dB/1 kHz noise level calibrator
- Sensitive electret condenser microphone with detachable wind guard
- Analogue outputs: DC and AC
- PC software
- Illuminated, clearly arranged display

#### TECHNICAL DATA

<b>NOISE LEVEL</b> 30 ... 130dB(A): Resolution 0.1%, accuracy ±1.5 dB 35 ... 130dB(C): Resolution 0.1%, accuracy ±1.5 dB
<b>Frequency range:</b> 31.5Hz ... 8000 Hz
<b>Dynamic range:</b> 50dB
<b>Test condition:</b> 94 dB, 1 kHz sine signal
<b>MEASURING RANGES</b> 30dB ... 80dB 40dB ... 90dB 50dB ... 100dB 60dB ... 110dB 70dB ... 120dB 80dB ... 130dB
<b>VOLTAGE OUTPUT</b> AC: 0.707 Vrms at full deflection approx. 600 ohm output impedance DC: 10 mV/dB approx. 100 ohm output impedance
<b>DATA MEMORY</b> 16000 measuring points
<b>INTERFACE</b> Opto-insulated RS232
<b>POWER SUPPLY</b> 6 x 1.5V AAA alkali, (LR03)
<b>DC-ADAPTER</b> 9V DC, < 100 mV ripple > 100 mA current consumption
<b>DIMENSIONS</b> 245 x 80 x 35mm
<b>WEIGHT</b> 0,35 kg



Illuminated, clearly arranged display



Analogue outputs: DC and AC



**SoundTest-Master**  
including carrying case  
+ batteries

**Package size** (W x H x D)  
340 x 275 x 83 mm

ARTICLE	ARTICLE NO	EAN-CODE	PU
SoundTest-Master	082.070A	4 021563 676330	2