

Laserliner®

MultiTest-Master



Universal measuring device for detecting environmental conditions in the home, office and industry

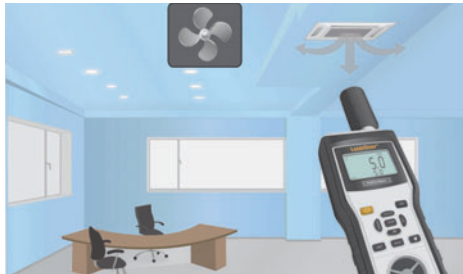
Rev.0610



- Measures the **ambient temperature**
- Measures the **relative air humidity**
- Establishes the **air flow and wind speed**
- Measures the **illuminance (lux)**
- Establishes the **sound pressure level of the surroundings** (db (A) and db (C) in accordance with IEC 651)



- **Calculates the minimum, maximum and average values** from the measured data
- **Data HOLD function**, retains the current measured value on the display
- **DIF difference function** (max. - min.), makes it easier to determine the span
- **Large, easy-to-read LCD with backlighting**
- **1/4" adapter** for tripods to facilitate continuous measurement



Illuminated LCD



Measures air flow/wind speed

TECHNICAL DATA

AMBIENT TEMPERATURE -10 °C to 60 °C
RESOLUTION 0.1°C
ACCURACY ± 1.5°C

RELATIVE AIR HUMIDITY 0% to 100% r.H.
20 to 80%: resolution 0.1%,
accuracy ± 3%/25°C
< 20% and > 80%: resolution 0.1%,
accuracy ± 5%/25°C

SOUND PRESSURE LEVEL
30 to 130 dB(A): Resolution 0.1%,
accuracy ± 1.5 dB
35 to 130 dB(C): Resolution 0.1%,
accuracy ± 1.5 dB
Frequency range: 100 to 8000 Hz
Test conditions: 94 dB, 1 kHz sine curve

ILLUMINANCE
0 to 2 klx: resolution 1 lux, accuracy ± 5%
0 to 20 klx: resolution 10 lux, accuracy ± 5%
0 to 50 klx: resolution 100 lux, accuracy ± 5%
At a colour temperature of 2850 K, calibrated
according to reference incandescent lamp 2856 K

WIND SPEED
0.5 to 20 m/s: resolution 0.1 m/s, accuracy ± 3%
1.8 to 72 km/h: resolution 0.1 km/h,
accuracy ± 3%
1.6 to 65.7 ft/s: resolution 0.1 ft/s, accuracy ± 3%
0.9 to 38.9 knots: resolution 0.1 knots,
accuracy ± 3%

AIR FLOW
0 TO 999.9 CMM M/S:
ACCURACY ± 3% + 10 DIG.
0 TO 999.9 CFM FT/S:
ACCURACY ± 3% + 10 DIG.

POWER SUPPLY
1 x 9 V IEC 6F22

OPERATING TEMPERATURE 0°C TO 60°C

DIMENSIONS (W x H x D)
280 x 89 x 50 mm

WEIGHT 0.430 KG

Technical revisions reserved.



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MultiTest Master

incl. carrying case
+ batteries (1 x 9 V IEC 6F22)

Package size

(W x H x D)
330 x 210 x 70 mm
Overall weight 1.1 kg

PU 2