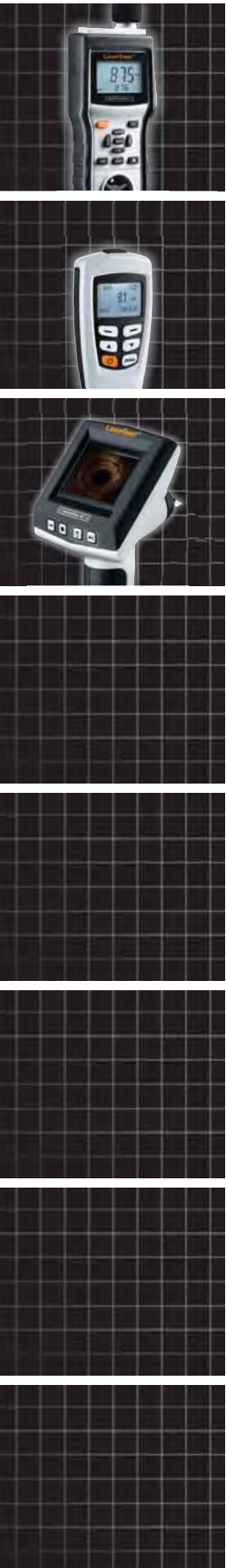


Building and video inspection, material testing



Instruments for environmental factors



LuxTest-Master

NEW



- Professional lighting intensity measuring instrument**
- Measurement of lighting intensity in workplaces, offices, public buildings and industry
 - Sensitive photodiode with cosine correction for wide-angle light measurement
 - Relative measurement function for reference and comparison measurement
 - Peak function for registering fast changes in light levels
 - Automatic and manual range changeover
 - Zeroing function
 - Measurement variables: Lux (lm/m²), foot candle (lm/ft²)
 - Min/Max display
 - 1/4" tripod connection

Soon available.



Measuring range:
20 Lux ... 200000 Lux
20 FC ... 20000 FC

Accuracy:
± 2% (typical)*

*See operating instructions for specific accuracies

Inclusive: LuxTest-Master, battery, carrying case

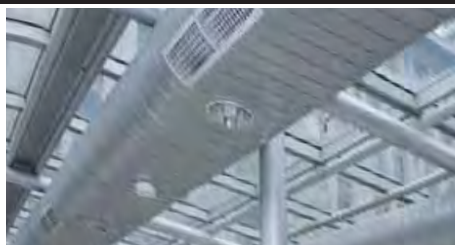
ORDER NO.	EAN-CODE	PU
082.130A	4 021563 680535	2

082.130A 4 021563 680535 2



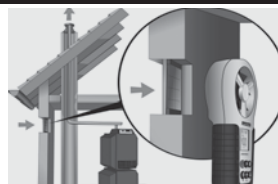
AirflowTest-Master

NEW



- Professional anemometer for measuring air flow, volumetric flow and wind speed**
- Integrated sensor for measuring ambient temperature, relative humidity and dew point calculation
 - Internal memory for saving measured data
 - USB interface and PC software for reading stored measured data
 - Large impeller: 65 mm
 - Min/Max display
 - 1/4" tripod connection for long-term measurement
 - Illuminated, clearly arranged display with permanently visible ambient temperature and relative humidity

Soon available.



Measuring range / Accuracy:
Flow rate: 0,80...30 m/s / ± 2%
Ambient temperature: -10...60°C / ± 1,5°C
Relative humidity: 20%...80% / ± 3%

Measuring range:
Air flow: 0 ... 99990 CMM

Inclusive: AirflowTest-Master, software, USB Cable, batteries, carrying case

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082.140A	4 021563 680566	2

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Instruments for environmental factors



SoundTest-Master



Noise level measuring instrument with integrated long-term storage

- 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, transparent display

Measuring range / Accuracy:

30 ... 130 dB (A,C) / ± 1,5 dB

Frequency range:

31,5 Hz ... 8 KHz

Inclusive: SoundTest-Master, battery, carrying case

ORDER NO.	EAN-CODE	PU
082.070A	4 021563 676330	2



MultiTest-Master



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

- For measuring ambient temperature, relative humidity, air flow and wind speed, lighting intensity (Lux), ambient sound pressure level (dB (A) and dB (C) as per IEC 61672)
- Calculates the minimum, maximum and average values from the measured data
- Hold function
- The housing's protective rubber case equips this device for tough professional usage.
- Illuminated, transparent display

Ambient temperature

Measuring range: -10 °C ... 60 °C, Accuracy: ± 1,5 °C

Relative humidity

Measuring range: 0 ... 100% r.H., Accuracy: ± 3% / 25 °C (20 ... 80%)

Sound pressure level

Measuring range: 30 ... 130 dB (A,C), Accuracy: ± 1,5 dB

Illuminance

Measuring range: 0 ... 50 KLux, Accuracy: (± 5% +10 digits)

Wind speed

Measuring range: 0,5 ... 20 m/s, Accuracy: (± 3% +10 digits)

Air flow

Measuring range: 0 ... 999,9 CMM m/s, Accuracy: (± 3% +10 digits)

Inclusive: MultiTest-Master, battery, carrying case

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082.060A	4 021563 671946	2



Coating measuring instruments

COATING THICKNESS MEASUREMENT

Non-destructive measurement of coating thicknesses is used in many applications. Precision and selective coating thickness measurement is not only required for quality control in paintshops and in the automobile industry but, by inspecting material coating quality, it also enables long-term corrosion protection of metal components.



Automatic identification of base material:
FE: ferrous / ferromagnetic
NFe: non-ferrous / non-ferromagnetic



Small measuring head for coating thickness measurement with pinpoint accuracy



CoatingTest-Master

NEW



Coating thickness measuring instrument for measuring non-metallic layers on metal surfaces

- Coating thickness measurement based on induction or eddy current principle
- Measurable coatings: non-magnetic coatings (paint, zinc on steel), insulating coatings (paint, anodized coatings) on non-ferrous metals
- Automatic identification of base material (ferrous / ferromagnetic, non-ferrous / non-ferromagnetic)
- Internal memory for 400 measured values
- One-point and two-point calibration
- USB interface for transferring measurement data and software evaluation
- Min/Max/Avg display
- Illuminated, transparent display

Soon available.



Magnetic induction

Measuring range: 0...1250 µm

Accuracy: 0...850 µm / (±3% +1 µm), 850...1250 µm / (±5%)

Eddy current principle

Measuring range: 0...1250 µm

Accuracy: 0...850 µm / (±3% +1 µm), 850...1250 µm / (±5%)

Inclusive: CoatingTest-Master, calibration references, software, USB Cable, batteries, carrying case

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082.150A	4 021563 680597	2

