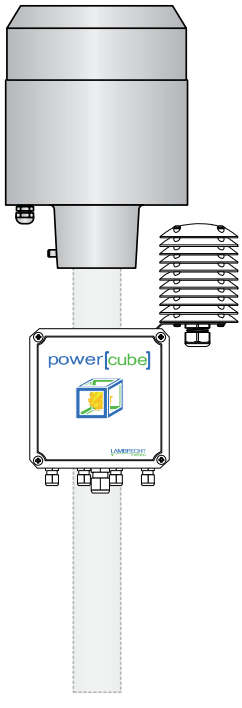
Weather station COMPACT

LAMBRECHT meteo

Lambrecht meteo is your partner for customised systems and high-quality standard stations. The COMPACT weather station consists of high-quality sensors and powerful communication technology. Your benefits at a glance:

- ✓ **visualisation of your data in your web browser via integrated met[APP]**
- ✓ **no additional software required**
- ✓ **robust, high-quality materials assure service-life and precision at the highest level**
- ✓ **simple and fast installation via Plug & Play**

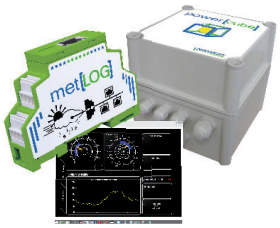


met[APP] · Our browser app which is integrated in the met[LOG] · for easy visualisation of the current weather data in your network.
Platform-independent on your PC, tablet or smartphone.

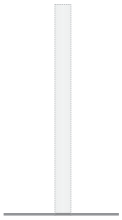
- Displays the instantaneous values of your LAMBRECHT meteo weather station
- Exports the measured values stored by the met[LOG]
- Configures the met[LOG]

Precipitation sensor 15189
Weather proven all-metal housing · precise tipping bucket bearing · reliable long-term operation

Combined Sensor THP[pro]
Temperature, humidiy, air pressure
Proven environmental measure-ment technology · sensor shelter, also ventilated as an option



Data logger met[LOG]
Plug & play · visualisation in web browser · alarm generation with hysteresis or window function; alarm output via 4 digital outputs, 8 logically connectable warning channels
power[cube]: all-weather-resistant power pack · rounds off the station regarding power supply and com-munication.
MeteoWare-CS (option)
Professional software for data visualisation, storage and export



Mast for precipitation sensor
tube diameter: 60 mm
length: 1200 mm

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Weather station COMPACT

Your advantages

- LAMBRECHT meteo environmental measurement stations are completely preconfigured.
- Easy installation, and the wiring needs minimal effort.
- Sensors are extraordinary precise, robust and durable.
- Data storage lasts for a whole year.
- Minimal maintenance costs due to best product quality
- Continuous data transfer via Ethernet protects against data lost.
- Evaluation software and cable are included in scope of delivery.

Technical data

Operating temp. range:	-20...+70 °C
Supply:	90...264 VAC
Power rating:	156 W
Output power supply:	24 VDC

Weather station COMPACT

consisting of:

Precipitation sensor ECO, 2 cm³ (15189)

Meas. range: 0...8 mm/min • Resolution: 0.1 mm
Accuracy: ± 2 % with intensity correction

Temperature/Humidity/Air Pressure Sensor THP[pro]

Temperature	Measuring range: -40...+70 °C Resolution: 0.1 °C Accuracy: ± 0.1 K (0...60 °C) • ± 0.2 K (-40...0 °C)
Relative humidity	Measuring range: 0...100 % r. h. Resolution: 0.1 % r. h. Accuracy: typ. ± 1.5 % (0...80 %) r. h. • ± 2 % (>80 %) r. h.
Barometric Pressure	Measuring range: 500...1100 hPa Resolution: 0.1 hPa Accuracy: ± 2 hPa (-30...+70 °C) • ± 1 hPa (-10...+60 °C)

Sensor shelter (8141.6)

11 lamellas, natural ventilation of the sensors

Data logger met[LOG]

Ethernet: 10/100 BaseT • connector RJ45 shielded
Interface: 3 x RS 485 (1 x freely configurable)
Input: 4 analogue/ digital inputs (2 x freely configurable)

Power supply power[cube]

Power: 150 W
Output: 24 VDC

Mast · tube diameter: 60 mm · length: 1200 mm · with mounting material

Applications:

- **industry**
- **wastewater treatment plant**
- **water management**
- **building automation**
- **agriculture**

For applications demanding higher precision we recommend our weighing precipitation sensor rain[e].

The unique self-emptying collecting system of the rain[e] allows single drop measurement at the high resolution of 0.001 mm/m².

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