

closer to the climate



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



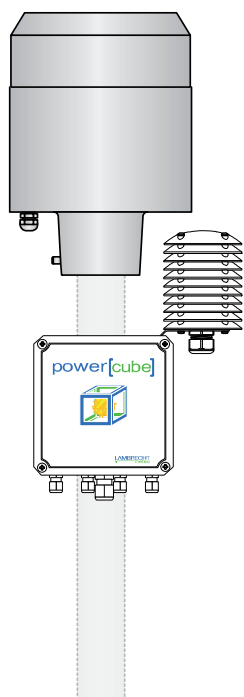
Precipitation sensor 15189

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



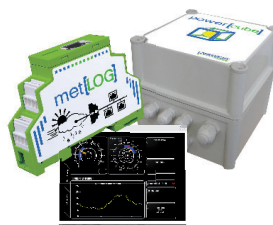
Combined Sensor THP[pro]

Temperature, humidity, air pressure
Proven environmental measurement technology · sensor shelter, also ventilated as an option



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]



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 communication.

MeteoWare-CS (option)

Professional software for data visualisation, storage and export



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

closer to the climate



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.

