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OTT Pluvio² L – Weighing Rain Gauge

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All-weather, high accuracy rain gauge for continuous data collection



The OTT Pluvio² L is an all-weather precipitation gauge that uses superior weight-based technology to measure the amount and intensity of rain, snow, and hail. Developed in conjunction with industry-leading meteorological services, the OTT Pluvio² L employs a high-precision load cell and algorithms that compensate for wind, temperature, and evaporation, ensuring the highest accuracy precipitation measurements over time.

Parameters measured: Cumulative precipitation, precipitation intensity, bucket content in real time and non real time

Measurement technology: Weighing principle

Product Highlights: All-weather precipitation gauge without moving parts according to WMO guide line No. 8

Interface: SDI-12 / RS-485, pulse

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[Advantages](#)

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- Accurate measurement: precipitation accuracy within 0.004 inches with accumulation and intensity readings and filter algorithms to compensate for wind and temperature

- Virtually maintenance-free operation: lifetime factory calibration, drift-free measurements, and robust protective housing eliminate field visits for instrument service
- Multiple communication interfaces: SDI-12, RS-485, and Pulse Output options
- Solar panel power options make the instrument ideal for remote locations
- Easy software setup and a USB interface for communication with computer
- Wind protection shield available for particularly exposed locations
- Heated ring option available to prevent the accumulation of snow on the sensor
- Easy installation onto 4" pipes

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