

Wood and forest devices

Litter collector

171100 Complete



The litter collector has an intake surface of 500 mm x 500 mm and a drop bottom of 100 mm x 100 mm.

It is made of weather-proof aluminium with riveted corners.

The joints are sealed with silicone rubber.

The welded understructure is made of angle steel (25 mm x 25 mm) with anticorrosive coating. It gets fixed in the ground with two ground spikes.

Optional: Sieve for easier litter removal

Deposit collector

172100 complete



The deposit collector consists of two PE HD collecting flasks (2 litres each) that are screwed together.

A protective filter is integrated in the screw joint.

The receiving surface of 100 cm² is ensured by an acrylic glass intake ring.

Deposition is recorded at 1m above ground.

The collecting flasks are kept in a PVC standpipe (diam. 130 mm) with a bird-repelling ring at its free end.

Stem drain measuring kit

173100 complete



The stem drain measuring kit has several components:

- Tipping counter with adequate sampling, 100ml tipping tray in polycarbonate casing (macrolon), V2A tightener, sampler (1% per tip), PE collecting flask (100 ml), REED sensor;
- Electronic counter module with battery-buffered power supply for connection to REED sensor of tipping counter, incl. automatic standby battery charge, prepared for connection to data logger, casing (IP 65) with transparent lid;
- Rittal protective casing for tipping counter with counter module, adjustable for wood and forest application;
- Covered elastomer collar for mounting on trunk, incl. feed line to tipping counter, 20 l PE HD water collector.

Wood climate measuring station

175100 complete



Multi-parametric weather station with self-sufficient A.C. Accumulator supply and measurement data recording by a data logger.

Optional connection type for additional soil-hydrologic sensors

Technical Parameters

Precipitation sensor	200 cm ³ (WMO-Norm), solution 0,1 mm
Radiation sensor	0..1400 W/m ² , spectral range 0,3...60 μm, sensitivity ca. 10μV/Wm ²
Wind speed sensor	0...75 m/s, approach value 0,25 m/s,
Wind direction sensor	Application temperature 0...+79°C bzw. -30...70°C 0...385°, solution 0,3°, application value 0,25 m/s
Air humidity sensor	0...100% rel.Feuchte +/- 4 %, application value 0,25 m/s
Air temperature sensor	application temperature -30 ...+70°C -30...+70°C, solution 0,1 °C, Pt 100, 1/3 DIN