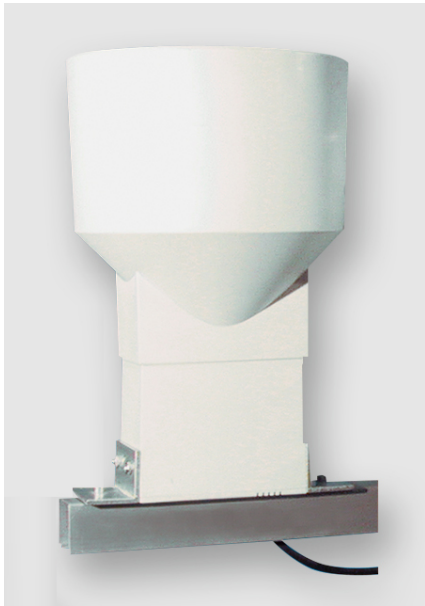




## Rain Gauge QMR101 and QMR101M



Rain Gauge QMR101 for MAWS201

### Features

- Provides accurate precipitation data
- Weatherproof
- Enclosure from corrosion and UV-resistant plastic
- Suitable for temporary installations

Vaisala Rain Gauge QMR101 and QMR101M are durable solutions for gathering accurate precipitation data. QMR101 is part of Vaisala HydroMet™ Automatic Weather Station MAWS201 while QMR101M is for Vaisala TacMet™ Tactical Meteorological Observation System MAWS201M.

### Portable rain gauge

Due to its small size, weight, and rugged design, QMR101(M) is especially suitable for portable applications and temporary installations. It is economical as well as accurate.

The rain gauge uses the self-emptying tipping spoon mechanism to measure the collected rain at 0.2-millimeter (0.008-inch) accuracy level.

### For harsh conditions

Manufactured from UV-resistant plastic, QMR101(M) is a very rugged instrument that can withstand frost and icy conditions.

The rain gauge is installed on a sensor support arm and it is delivered with a ready-made 1-meter (3-foot 4-inch) connector cable.



Rain Gauge QMR101M for MAWS201M

# Technical data

## Measurement performance

Sensor/Transducer type	Self-emptying tipping spoon/magnet
Sensitivity	0.2 mm (0.008 in)
Capacity	144 mm/h (5.67 in/h)
Accuracy	±2 %

## Compliance

EU directives	EMC Directive (2014/30/EU) RoHS Directive (2011/65/EU)
EMC compatibility	EN 61326-1, industrial environment
Electrical safety	EN 61010-1
Compliance marks	CE

## Mechanical specifications

Funnel diameter	159.6 mm (6.28 in)
Orifice area	200 cm <sup>2</sup> (31 in <sup>2</sup> )
Material	UV-stabilized plastic
Connector	QMR101: M12/5F QMR101M: Alden Pulse-Lok® V1, V114, 4P
Cable	1 m (3 ft 4 in)
Weight	0.380 kg (0.84 lb)