



PRODUCT SHEET

Davis tipping bucket raingauge

The Davis rain collector can be connected to EIT data recorders for the unattended measurement of rainfall. The rain collector is rugged, and designed to provide years of trouble free operation. The body and base of the collector are constructed from tough, UV resistant plastic. The tipping bucket pivots on bearings and screws are provided to fine tune calibrations.



Specifications

General

Sensor type	tipping bucket with magnetic reed switch
Output	contact closure
Housing material	UV stabilised ABS plastic
Dimensions	16.5 cm dia * 24 cm H
Collection area	200 cm ²
Weight	1 kg

Principle of operation

Rain enters the collector cone, passes through a debris filtering screen, and collects in one chamber of the tipping bucket. Each tip is calibrated to represent 0.2 mm of rainfall.

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