



MODEL 255-100 EVAPORATION GAUGE



SPECIFICATIONS:

Potentiometer:

Accuracy: 0.25%
Rotation: Continuous
Resistance: 1000 ohms
Operating temperatures: -40° to 60° C
Linearity: 0.25%
Range: 0-250mm

System accuracy: Evaporation gauge with pan and pipes $\pm 0.25\%$ over 250mm range

Float: 10mm diameter

Height: 700mm

Diameter: 200mm

Base: 40mm triangle with leveling screws

Water input port: 1/2" NP coupling, female

Cable: 3 conductor, 15m

Weight/Shipping: 3,2 kg/14kg

Shipping box: 380 x 380 x 760 (oversize)

The **255-100 Analog Output Evaporation Gauge** is used to determine the evaporation rate by measuring the changing water level in an evaporation pan. A standard National Weather Service Class A Evaporation Pan is recommended. The sensor consists of a float, pulley, and counterweight attached to a precision 1000-ohm potentiometer mounted through a gear assembly in a weatherproof housing. The triangular base plate is equipped with three leveling screws. The potentiometer produces a resistance output proportional to the position of the float which can be connected to our Automatic Weather Stations Model **METEODATA-2000/3000C Series**, which allow also data transmission to a Central Stations.

The water level sensor can be placed directly in the pan, or externally connected to the pan by means of a suitable pipe and fittings.



Ordering information

Model

Analog Output Evaporation Gauge

255-100