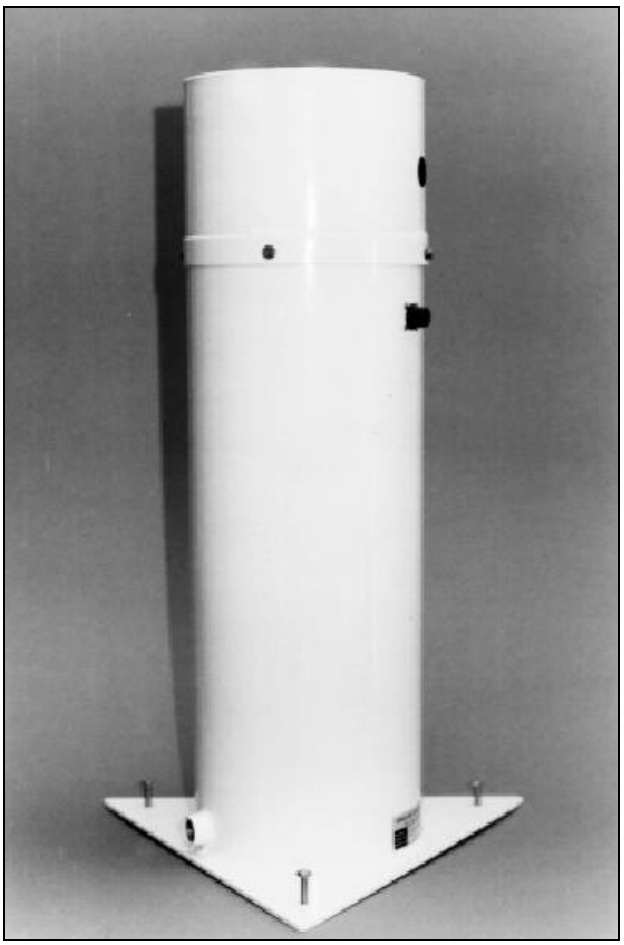
MODEL 3003
Analog Output Evaporation Gauge



Model 3003 Evaporation Gauge

General Description

The Model 3003 Analog Output Evaporation Gauge is used to determine the evaporation rate by measuring the changing water level in an evaporation pan. A standard Class A National Weather Service evaporation pan is recommended.

The instrument 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 monitored on site using a data logger or a strip chart recorder, or remotely using HydroLynx Data Transmitters.

Specifications

Height: ..... 27½ in.
Diameter: ..... 8 in.
Base Dimensions: ..... 16 in. triangle with leveling screws
Float: ..... 4 in. dia. Polystyrene
Cable and Connector: ..... 3-pin ms connector
Total System Resolution: ..... 0.0098 in. w/ 5096 Trans.

Potentiometer
Accuracy: 1%
Rotation: ..... Continuous
Resistance: ..... 1000 ohms
Operating temperatures: ..... -40 to 60 °C
Linearity: 0.25%
Range: ..... 0-10 in.
Water Input Port: ..... ½ in. NP coupling, female
Weight: ..... 7½ lbs.
Shipping Weight: ..... 30 lbs.

Ordering Information

3003	Evaporation Gauge with 1000 Ohm Potentiometer and a 50 ft. Cable with MS Connector
3003P/F	6 ft. Connecting Pipe and Fittings for Attaching to Evaporation Pan