

# EVAPORATION GAUGE & PAN

## 5600-0400, 5600-0401



DETERMINES THE EVAPORATION RATE BY MEASURING CHANGING WATER LEVEL IN AN EVAPORATION PAN

### SPECIFICATIONS

Specifications subject to change without notice

Height	27 1/2 in. (700mm)
Diameter	8 in. (203mm)
Base	16 in. triangle with leveling screws
Float	4 in. diameter plastic
Cable	50 ft. 3 conductor, 24 AWG, shielded
Output Type	Potentiometer
Accuracy	0.25%
Rotation	360° Continuous
Resistance	1000 ohms
Total Resolution	0.03 in. (0.76mm)
Counterweight	4 oz. (114 g) stainless steel
Electrical Angle	340°, ± 1°
Electrical Range	0 to 9.44 in. (0-240mm)
Operating Temperatures	-40°F to 140°F (-40°C to 60°C)
Linearity	0.25%
Mechanical Range	0-10 in. (0-254mm)
Weight	71/2 lbs (3.4 kg)
System Accuracy	Evaporation gauge with pan & pipes ± 0.25% over 10 inches

#### EVAPORATION PAN SPECIFICATIONS

Material	Low carbon stainless steel, passivated after welding
Construction	Heliarc welded, 1/2 in. drain plug
Size	10 in. x 47.5 in. diameter
Weight	48 lbs.

The gauge is intended for use with a National Weather Service, class A pan. The instrument consists of a float, chain, and counterweight attached to a precision 1000-ohm potentiometer mounted through a sprocket assembly in a weatherproof housing. The triangular base plate is equipped with three leveling screws and a bubble level indicator. The potentiometer produces a resistance output proportional to the position of the float which can be monitored on site using a data logger or monitored remotely by telemetry equipment.

### ORDERING

<b>5600-0400</b>	Evaporation Gauge includes 50 ft. cable
<b>5600-0401</b>	Evaporation Pan includes 6 ft. interconnecting stainless steel pipe assembly

SUTRON