



## SUTRON Accubar Constant Flow Bubbler, 50 psi Range, 3/8" Fitting, Dual Orifice

**Product #:** 56-0134-50-2

**USD Price:** Contact Hach

The SUTRON Accubar® Constant Flow (CF) Dual Orifice Bubble Gauge/Recorder, a self-contained, precision device for measuring water levels, water temperature\*, suspended sediment\* & density\* using long established bubble gauge principles, in a single package. Ideal for rivers, streams, dams and reservoirs, as well as oceans, industrial areas, plus any area where water density changes, e.g., tidal & estuary areas.

### Flexible

Bubbler is both a logger and a sensor, capable of working as a stand-alone or with other loggers/communications devices via SDI-12, RS232 and RS485.

### Large storage

Flash Log holds over 300,00 readings and allows recording of status, water level data.

### Self-contained

Self-contained needing only external power and orifice tubing.

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## Specifications

Accuracy:	Stage: 0 - 20 ft: $\pm 0.01$ ft (0 - 6.096 m: $\pm 0.00305$ m) Level: 20 - 57.5 ft: $\pm 0.05\%$ reading (6.096 - 17.526 m: $\pm 0.05\%$ reading) (Reference to ft. based on USGS conversion factor) Pressure: 2.3073 ft (0.7033 m) water per psi
Desiccant:	Silica gel, lasts up to a year
Dimensions:	10.5 x 8.5 x 7.5 in (26.7 x 21.6 x 19.1 cm)
Display:	LCD operates to -4 °F (-20 °C)
Display Type:	3 x 20 character sunlight-readable backlit LCD
Ethernet Capable:	No
Keypad:	6 button
Maximum Current to Serial Instrument:	4 amps for 25 psi unit
Measurement Method:	Platinum RTD (385 or 392) or Precision Thermistor
Measurements:	Stage/Level  Internal Temperature Battery  Pressure

	Optional: Water Temperature
Measuring Interval:	1 s - 24 h
Memory:	Built-in flash: #300,000 readings
Nema Enclosure:	Polycarbonate NEMA-4X
Number of orifices:	2
Operating Humidity:	0 - 95 % noncondensing
Operating Temperature Range:	-13 - +140 °F standard, -40 - +140 °F optional (-25 - +60 °C standard, -40 - +60 °C optional)
Orifice Fitting Size:	3/8 in
Outlet:	4/6 mm tube
Pressure Range:	50 PSI
Protocol:	MODBUS (via RS232 only), SDI-12, command line
Purge air pressure:	50 psi
Range:	Stage/Level/Pressure: 25 psi, 17 m
SD Card:	Included
Sensor Ports:	SDI-12, RS232, RS485
Setup:	Via front panel, command line or SDI-12
Type of measurement:	Constant Flow Bubbler with user-programmed bubble rate. Pressure measured by Sutron Accubar Sensor.
USB Port:	No
Weight:	12.2 lbs without dessicant (5.6 kg)