



## SUTRON Compact Constant Flow Bubbler, 3/8" Fitting

**Product #:** 56-0133-25-1S

**USD Price:** Contact Hach

The SUTRON Compact Constant Flow Bubbler, 50% smaller than SUTRON's original Constant Flow Bubbler, is a self-contained, precision device to measure water levels & temperature. It consists of a pump, tank, manifold, control board, display/keypad & enclosure. The new Compact CF Bubbler houses all components within a 10.5"x 8.5"x 7.5" polycarbonate NEMA-4X enclosure. An optional external desiccant is available. The Compact Constant Flow Bubbler's built-in precision Accubar® Pressure Sensor meets the high accuracy requirements for stream gaging & monitoring of tidal/coastal areas, estuaries, groundwater & reservoirs. The Bubbler includes a built-in datalogger for stand-alone operation and/ or backup (redundant) data recording and RS232 and SDI-12 ports for communications and maintenance. The front panel includes a display and keypad. It also supports MODBUS.

### **Small**

50% smaller than the original Constant Flow Bubbler (by volume).

### **Fast**

Fast-track mode.

### **Self-contained**

Self-contained system needing only external power & outlet tubing/ orifice.

### **Desiccant**

Long desiccant life (up to 1 year).

### **Adjustable**

Adjustable bubble rate.

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## Specifications

*Parameters Measured:	Stage/Level
	Internal Temperature
	Battery
	Pressure
Accuracy:	0.05% reading with minimum of 0.01 ft
Housing Material:	Polycarbonate
Maximum Operating Pressure:	3 bar
Measuring Interval:	1 s - 24 h
Measuring Range Depth:	25 psi
	57 ft

	(17 m)
Memory:	Built-in flash, #300,000 readings, SD card included, no USB
Nema Enclosure:	NEMA-4X
Number of orifices:	1
Operating Temperature Range:	-25 - +60 °C standard, -40 - +60 °C optional
Operating voltage:	12 - 16 VDC
Orifice Fitting Size:	4/6mm tube or 3/8" tube
Pressure Range:	25 PSI
Protocol:	MODBUS (via RS232 only), SDI-12, command line
RS485:	yes
SD Card:	yes
SDI-12 port:	yes
Setup:	Via front panel, command line or SDI-12
Technology:	Constant Flow Bubbler with user-programmed bubble rate. Pressure measured by Sutron Accubar % Sensor.