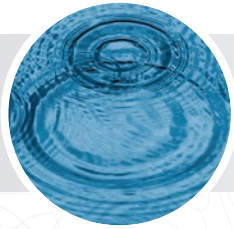




**EXTREME ENVIRONMENTS
EXTREMELY RELIABLE**



FTS BUBBLER



**Uncompromising
Accuracy and Reliability**

The FTS Bubbler delivers best-in-class functionality thanks to its unique design, which allows it to measure water stage levels accurately and reliably.

- Revolutionary airflow system eliminates traditional manifold congestion
- Rugged, compact IP66-rated enclosure
- Seamlessly connects with your existing DCP through SDI-12 and optional 4-20mA
- Meets and exceeds USGS OSW specifications across its complete operating measurement range, from 0-21m (0-70ft)



SPECIFICATIONS

PERFORMANCE	
ACCURACY	3mm (0.01ft) or 0.1% of the effective stage, whichever is greater
DEPTH	0 to 30 PSI (0 to 21 m or 70 ft)
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
RELATIVE HUMIDITY	0-95% non-condensing
PURGE PRESSURE	20 to 90 PSI (user selectable)
BUBBLER GAS DELIVERY	Constant Flow Bubbler System 30 to 120 bubbles per minute (user selectable)
MECHANICAL	
DIMENSIONS	254 x 203 x 152 mm (10.00 x 8.00 x 6.00 in.)
WEIGHT	5.88 kg (13.0 lbs)
MATERIAL	NEMA 4X Fibreglass
TANK SIZE	0.8 L (27.05 fl oz)
COMPRESSOR	Thomas (Capacity up to 28.3L/min)
ON-BOARD SCREEN	4x20 character display
POWER	
POWER REQUIREMENTS	10.8 to 16.5VDC
AVERAGE ACTIVE CURRENT*	27 mA
COMMUNICATION	
OUTPUT	SDI-12 (optional 4-20mA)
MISCELLANEOUS	
STORAGE TEMPERATURE	-55°C to +85°C (-67°F to +185°F)
ENVIRONMENTAL PROTECTION	IP66
INTERNAL STORAGE	Logs up to 8 years of 15 minute data (4GB SD card)

**Based on 1 purge per day, 60 bubbles per minute, 15 minute measurement interval, and 8 second averaging*

WHAT'S INCLUDED:

- Bubbler
- Built-in Screen
- Keyway Mounting Brackets

OPTIONS:

- 4-20mA Output
- Military Connectors



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