TOTALMETER™

FULL FEATURED FLOW TOTALIZATION DEVICE

The Total-Meter™ is a fully calibrated electronic flow meter with a built-in flow totalizing function. The Total-Meter™ utilizes field-proven differential pressure flow measurement technology to accurately monitor industrial liquids or gases. The actual flow rate is displayed locally on the 4 digit LED display and is also retransmitted with a scalable 4-20mA output for remote monitoring. In addition, the Total-Meter™ tracks total volumetric consumption up to 999,999,999,999 engineering units and will communicate using the ModbusRTU protocol over RS-485/232.

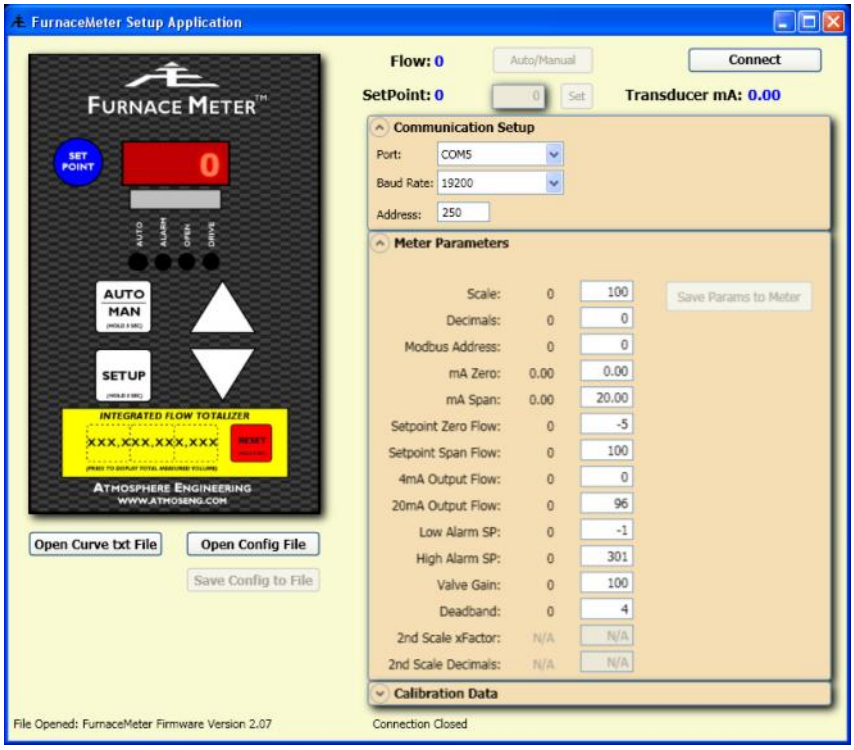
The Total-Meter™ is designed to be piped directly into a gas or liquid pipeline and require minimal space. Integrated programmable flow alarm output can be configured to trigger either high and low flow alarm situations based on actual flow rates.

SPECIFICATIONS

Power	24 VDC
Scale	Specify when Ordering
Turndown	10:1
Max Pressure Loss	10”wcg STD Model 1 psig HP Models
Max Operating Temp.	180°F
Max Inlet Pressure	5 PSIG STD Model 80 PSIG HP Model 300 PSIG HPX Model
Flow Accuracy	4%
Repeatability	2%
Flow Output Signal (linear)	4-20mA
Communication Port	232/485
Protocol	ModbusRTU
Alarm Output Type	DC Sink (Use 24VDC relays for AC Motors)

Gas Types
Acetylene, Air, Ammonia (HP Model Only), Argon, Butane, Carbon Dioxide, City Gas, Dissociated Ammonia, Endothermic, Exothermic, Helium, Hydrogen, Low Dew, Methane, Natural Gas, Nitrogen, Oxygen, Propane, LPG, Propylene

Liquid Types (HP Models Only)
Alcohol, Methanol, Oil, Water



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