SOTERA™
SYSTEMS

SERIES 800 DIGITAL METERS

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NOT FOR RESALE USE

0.00

MODEL 825 METER

TO ACTIVATE A FUNCTION PRESS BUTTON FOR 3 SECONDS

ACCUM. TOTAL — ON
RESET TO ZERO — 2
CHANGE CAL FACTOR — 3
NO COUNT (FLUSH) — 4

TUTHILL CORPORATION | Sotera Systems

The 800 Series Digital Meter is a nutating disc, positive displacement meter that's able to store and display the current flow amount (total) or the cumulative flow amount (totalizer) in any of six user-specified units.

- Rugged corrosion-resistant body for the most demanding applications
- Quick one-step calibration
- Easy to install and use in line or at the end of hose
- Consistent accuracy up to ±2%
- Battery powered (2 AA batteries)

Applications

- Pesticides
- Fertilizers
- Water
- Crop oil
- Mild acids

- Diesel Exhaust Fluid
- Diesel fuel
- Mineral spirts
- Ethylene glycol
- Motor oil

- Gear oil
- Soaps/detergent
- Many others

Chemically resistant materials to meet the most versatile applications—one meter for many uses.

Materials

Body	Chamber	Seal Option	Display	Power Source	Calibration	Dimensions
Glass-filled polypropylene	Ryton/302SS	Fluorocarbons (Std)/EPDM optional	LCD	(2) AA batteries	Ounces, pints, quarts, liters, gallons, user-specified units	5.5" x 3.25" x 5"

SERIES 825 (STANDARD MODEL)
Versatile meter for use in line, at the end of the hose, or mounted to one of our Rotary Vane or 400B Series Diaphragm Pumps.

Meter	Flow Rate	Max Pressure	Temperature Range	Flow Ports	Elastomers	Accuracy	Totalizer Range	Weight
825	2-20 gpm	125 psi	-10°F to 130°F	1" FNPT	Fluorocarbon	+/-0.5% using calibration factor; +/-0.2% using liquid calibration	9,999 current total, 10,000,000 accumulated total	3 lbs.
	7.6-75.7 lpm	8.3 bar	12°C to 54°C					
825X700	2-20 gpm	125 psi	-10°F to 130°F	1" FNPT	EPDM	+/-0.5% using calibration factor; +/-0.2% using liquid calibration	9,999 current total, 10,000,000 accumulated total	3 lbs.
	7.6-75.7 lpm	8.3 bar	12°C to 54°C					
825D075BSPPS	2-20 gpm	125 psi	-10°F to 130°F	3/4" BSPP	EPDM	+/-0.5% using calibration factor; +/-0.2% using liquid calibration	9,999 current total, 10,000,000 accumulated total	3 lbs.
	7.6-75.7 lpm	8.3 bar	12°C to 54°C					

SERIES 850 (MASS AIR SENSOR MODEL)
The 850 also includes a mass air sensor that distinguishes between fluid and air. That means the 850 stops metering when you've finished emptying a container, adding an extra degree of accuracy.

Meter	Flow Rate	Max Pressure	Temperature Range	Flow Ports	Accuracy	Totalizer Range	Weight
850	2-20 gpm	120 psi	-10°F to 130°F	1" NPT inlet/outlet ports, female threads	+/-0.5% using calibration factor; +/-0.2% using liquid calibration	9,999 current total, 10,000,000 accumulated total	3 lbs.

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