



MEASURE RITE® Concrete Truck Meter

3/4" through 2" MR-1

DESCRIPTION

The Badger Meter® MEASURE RITE® Truck Meter accurately measures and dispenses water for premixed batches at the job site. The truck meter helps minimize mix errors and batch waste.

OPERATION

The ladder platform area is the ideal mounting location for the truck meter, just upstream (and in line with) the water manifold. Verify that any movement of the platform will not cause the meter to contact the barrel or other components.

APPLICATIONS

The truck mount meter accurately measures the amount of added water for adjusting slump.

FEATURES

- Air slug tolerant
- Highly rugged and durable
- Compact and user friendly
- Easy to install
- Easy to calibrate
- Single button operation

OPTIONS

- Mounting Bracket
- Ball Valve (mount 6" downstream of meter)
- Upstream Strainer (60 Mesh recommended at least 12" upstream of valve)
- Vertical Front Panel Rotation
- 1" and 2" available in 316 SST
- Tees, along with a variety of bearings and seals materials (Consult Factory)

MATERIALS

Meter Body	Bronze
Impeller	316 SST
Shaft	Tungsten Carbide
Bearings	Torlon (high performance polymer)
Electronics Housing	Coated Aluminum
Window	Tempered Glass



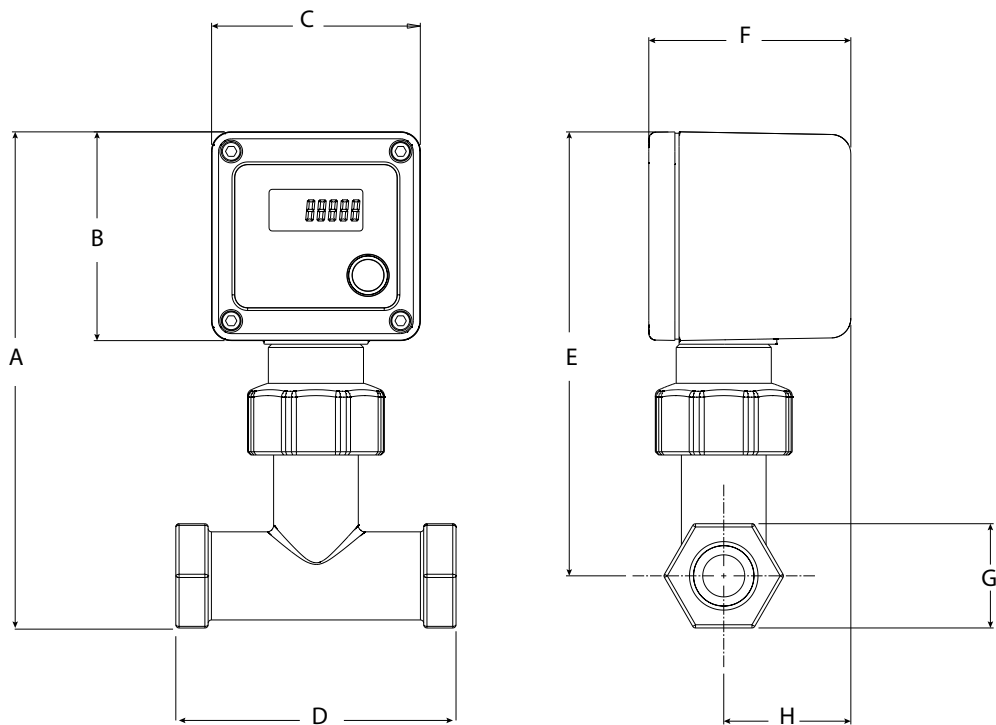
DEPARTMENT OF TRANSPORTATION STANDARDS

Truck meter meets Alabama DOT specifications ALDOT-407-01 and New York Spec Truck Mixer 501-3-04 Requirements.

SPECIFICATIONS

Pressure Rating	400 psig (28 bar) (Class 250), 225 psig at 180° F (15 bar at 82° C)	
Max Ambient Temperature	140° F (60° C)	
Accuracy	±1% or better (within flow range) when properly calibrated	
Power requirement	9...32V DC	
Meter Size & Flow Range	3/4" NPT	5...30 gpm (19...114 lpm)
	1" NPT	15...60 gpm (57...227 lpm)
	1-1/4" NPT	15...90 gpm (57...341 lpm)
	1-1/2" NPT	21...125 gpm (79...472 lpm)
	2" NPT	35...200 gpm (132...757 lpm)

DIMENSIONS



(3/4" & 1" NPT PIPE SIZES)

A		B		C		D		E		F		G	H	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		in.	mm
9-17/32	242	4	102	4	102	5-3/8	137	18-17/32	471	3-7/8	98	2 in. hex	2-7/16	62

Control. Manage. Optimize.

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