

AMERICAN METER

Dry Test Meters

Technical Data

American Dry Test Meters are used for field or laboratory testing of gas unsaturated with water vapor. Highly accurate, low volume measurements can be obtained from these compact meters.

Features common to all aluminumcase dry test meters.

Lightweight and attractive Light, impact resistant aluminumcase dry test meters are available in each capacity rating. Handling, shipping, storing and setting cost are reduced. The modern styling and attractive appearances assure ready customer acceptance.

Easy Reading Index The 6-inch circular dial features a large sweep hand and four totalizing hands all of which are friction mounted for easy resetting. The directional rotation is the same for all hands thus limiting possible error.

One Piece Body In each size, the case, table, partition and channels are diecast in one piece. Both the need for machined joints and gaskets, and the possibility of internal leakage are eliminated.

Molded Duramic-7 Diaphragms Molded three convolution Duramic Diaphragms, used in meters of all sizes, have uniform thickness and flexibility. Thus, for all fuel gas services, smooth operation, sustained accuracy and long life are ensured.

Valves All sizes incorporate phenolic (fluorocarbon) coated valve covers to ensure minimal wear.

Valve Motion The established American Meter design of valve motion and related parts eliminates the angular errors of working parts. Thus wear is reduced.

Adjustable Tangents Permit rapid meter calibration if necessary after extended service.

Low Friction Seals Synthetic grommet-type flag rod seals provide minimum friction and show no leakage after millions of cycles.

Rugged Flag Rods Heavy, reinforced flag rods ensure positive alignment, reduced distortion and sustained accuracy.

Exterior Body Coating The finish provides an attractive, hard, chemically resistant coating.

Carrying Handle Portability is enhanced by the strong bail-type handle.



www.americanmeter.com

Instrumentation



Temperature Gage

Pressure Gage

	DIAL TEMPERATURE GAGE	DIAL PRESSURE GAGE
DTM 200A (ALL MODELS)	-40° F to 160° F -40° C to 70° C	0-5 PSIG 0-34 kPa
DTM 325 (ALL MODELS)	-40° F to 160° F -40° C to 70° C	0-15 PSIG 0-120 kPa

American Dry Test Meters

Models 200A and 325

Modifications of standard aluminum case meters have resulted in a highly accurate measuring device individually calibrated for optimum performance. Friction mounted sweep hands with a choice of dial capacities monitor gas flows with uncommon precision.



MODEL	DIAL		MAXIMUM WORKING PRESSURE	CAPACITY	CONNECTION SIZE	DIMENSIONS W/OUT GAGE OR CONNECTIONS			APPROX. SHIPPING WEIGHTS
	ONE REVOLUTION	SUBDIVISIONS				HEIGHT	WIDTH	DEPTH	
DTM-200A-1	1/10 Cubic Foot	.001 CF	5 PSIG	200 CFH*	1" MNPT	13"	8-3/4"	10-1/4"	21 lbs.
DTM-200A-2	1 Cubic Foot	.01 CF	5 PSIG	200 CFH*	1" MNPT	13"	8-3/4"	10-1/4"	21 lbs.
DTM-200A-3	1 Liter	.01 L	5 PSIG	5600 LH*	1" MNPT	13"	8-3/4"	10-1/4"	21 lbs.
DTM-200A-4	10 Liter	.10 L	5 PSIG	5600 LH*	1" MNPT	13"	8-3/4"	10-1/4"	21 lbs.
DTM-200A-5	100 Liter	1.00 L	5 PSIG	5600 LH*	1" MNPT	13"	8-3/4"	10-1/4"	21 lbs.
DTM-325-2	1 Cubic Foot	.01 CF	10 PSIG	325 CFH*	1-1/4" MNPT	14-7/8"	10-3/4"	11-7/8"	31 lbs.
DTM-325-4	10 Liter	.10 L	10 PSIG	9200 LH*	1-1/4" MNPT	14-7/8"	10-3/4"	11-7/8"	31 lbs.
DTM-325-5	100 Liter	1.00 L	10 PSIG	9200 LH*	1-1/4" MNPT	14-7/8"	10-3/4"	11-7/8"	31 lbs.

*Air @ 1/2" W.C. Diff.

Ordering Information

1. Size and Type
2. Working Pressure
3. Type of Index
4. Type and Size of Connections
5. Proof Curve-if desired
6. Accessories-if desired

Due to continuous development the information in this document is subject to change.



Systems, Inc.

International Measurement and Control Systems

IMAC SYSTEMS, INC.

90 MAIN STREET • P.O. BOX 1605 • TULLYTOWN, PA 19007

Tel: (215) 946-2200 • 1-800-955-4GAS • Fax: (215) 943-2984
www.imacsystems.com • e-mail: sales@imacsystems.com