



**SERIES 424 & 420**

# DURABLOCK<sup>®</sup> INCLINED-VERTICAL MANOMETERS

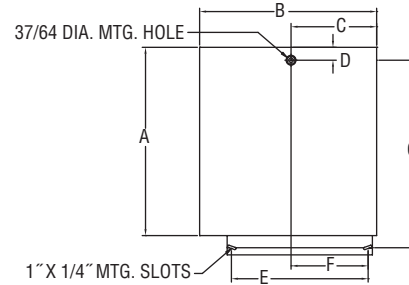
Accuracy To  $\pm 0.25\%$



**Inclined-Vertical Manometer  
Single Column**



**Inclined-Vertical Manometer  
Double Column**



**RANGES AND DIMENSIONS - SUITABLE FOR TOTAL PRESSURE UP TO 100 PSIG, TEMPERATURES UP TO 150°F**

Model	Description	Inclined Range Inches of Water	Inclined Minor Div.	Length of Inclined Scale	Vertical Range Inches of Water	Vertical Minor Div.	Length of Vertical Scale	Dimensions							Weight lb-oz
								A	B	C	D	E	F	G	
424-10	Single column	0-2.0	.01	20"	2.1-10	.10	9"	16-1/2"	25-1/4"	12-5/8"	1"	10-1/2"	5-3/8"	16"	22-12
421-5	Single column	0-1.0	.01	6-1/2"	1.1- 5	.10	4-5/8"	9-7/8"	9-5/8"	4-7/8"	5/8"	6-1/2"	3-1/4"	9-7/8"	4-12
421-10	Single column	0-1.0	.01	6-1/2"	1.1-10	.10	10-1/8"	15-1/2"	9-5/8"	4-7/8"	5/8"	6-1/2"	3-1/4"	15-1/2"	6-10
422-5	Double column	0-1.0	.01	6-1/2"	1.1-5	.10	4-5/8"	10-1/2"	11-1/2"	5-1/8"	5/8"	6-1/2"	3-1/4"	10-1/2"	6-10
422-10	Double column	0-1.0	.01	6-1/2"	1.1-10	.10	10-1/8"	16-1/8"	11-1/2"	5-1/8"	5/8"	6-1/2"	3-1/4"	16-1/8"	10-13

\*Single column metric-ranges and divisions in millimeters.

Dwyer<sup>®</sup> **SERIES 424 & 420** inclined-vertical manometer are extremely accurate instruments designed and made especially for precision measurement of low differential pressures in laboratory and test applications. The inclined range bore has a length of 20" to provide ample multiplication of indicating fluid movement in this critical lower part of the range.

**FEATURES/BENEFITS**

- High-accuracy measurement of low range gas and air pressure suitable for laboratory and test applications
- Long bore length provides ample room for fluid movement for low range sensing
- Precision built to assure device meets the highest standards

**APPLICATIONS**

- Low pressure laboratory and test applications

**ACCESSORIES - STANDARD**

**Description**

Include two 1 oz bottles of .826 red gage fluid (1.91 blue gage oil for models 421-23 and 422-23), rapid shut-off type "a" connections, two 3 ft lengths of clear plastic tubing and two 1/8" NPT tubing adapters — two sets for double column models.