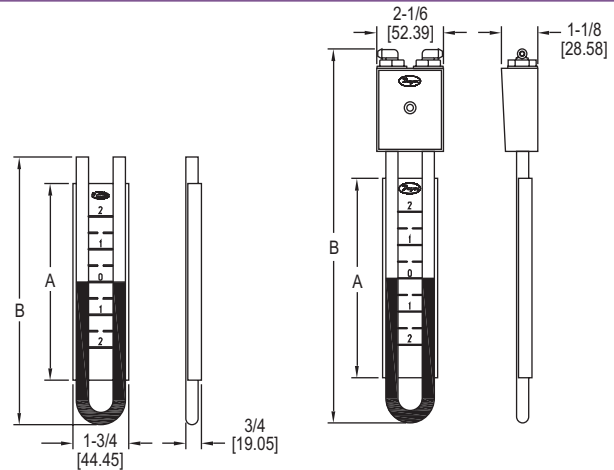


# FLEX-TUBE® U-TUBE MANOMETERS

CALIBRATION SERVICES AVAILABLE



Range		Hg Required to Fill		1221, 2 and 3 Scale Length "A"		1221 and 2 O.A. Length "B"		1223 O.A. Length "B"	
Inches H <sub>2</sub> O	Millimeters H <sub>2</sub> O	Grams	Ounces	W/M	D	W/M	D	W/M	D
8 (4-0-4)	M200 (100-0-100)	178.5	6.3	12-1/4	14	15-1/4	17	18-1/2	19-7/8
12 (6-0-6)	M300 (150-0-150)	225.5	7.9	16-1/4	18-7/8	19-1/4	21-3/4	21-1/8	24-5/8
16 (8-0-8)	M400 (200-0-200)	269	9.5	20-3/8	23-5/8	23-1/4	26-1/2	26-1/8	30-3/8
20 (10-0-10)	-	314.5	11.1	24-1/4	28-1/2	27-1/4	31-1/2	30-1/8	34-3/8
-	M600 (300-0-300)	353.1	12.4	27-7/8	32-7/8	30-3/4	35-3/4	33-5/8	38-5/8
24 (12-0-12)	-	379.7	13.4	28-1/4	33-3/8	31-1/2	36-1/4	33-3/8	39-1/8
36 (18-0-18)	-	491.1	17.3	40-1/4	47-7/8	43-1/4	50-3/4	46-1/8	53-5/8
-	M1000 (500-0-500)	526.6	18.5	43-5/8	52	46-1/2	55	49-3/8	57-7/8

**Note:** Not recommended for vacuum service above 5 in. Hg (68 in w.c.).

The **Series 1221/1222/1223 Flex-Tube® U-Tube Manometers** combine the inherent accuracy of the "U" Tube with the durability of tough, long-lasting plastic construction. The columns are made of 0.375" O.D. flexible and shatterproof clear butyrate tubing and are backed by a white scale channel to provide maximum color contrast. These manometers are ideal wherever a portable, direct reading manometer is needed.

## BENEFITS/FEATURES

- Suitable for total pressures up to 100 psi
- High contrast scale for better precision when measuring

## APPLICATIONS

- Duct static pressure
- Calibration labs
- Filter monitoring

## Series 1221 Flex-Tube® U-Tube Manometer

Our simplest, lowest cost basic U-gage. A dependable U-tube manometer that withstands hard use and provides accurate, high visibility readings. For use with water, mercury or red gage fluid. For mercury filled manometers, a scale clamp bar, Dwyer® Part No. A-363 (available as an extra for Series 1221 — and standard on Series 1222) is recommended. One pair of carrying plugs and a pair of non-kink vinyl tube connectors are included with each manometer.

## Series 1222 Flex-Tube® U-Tube Manometer

All the features of the 1221 plus magnetic clips for mounting to any vertical steel surface, and clamp bar to insure against U-tube slipping. (Especially recommended for manometers used with mercury.) Both magnets are easily removed and replaced at the user's convenience.

## Series 1223 Flex-Tube® U-Tube Manometer

Our finest U-gage — for either portable or stationary use. Safety traps prevent loss of indicating fluid in case of accidental over-pressure. Tubing is permanently bonded to a molded, high impact acrylic plastic top that contains safety traps. Large magnetic clips and clamp bar are provided. Standard type "a" connections include two rapid shut-off type molded nylon tubing connections, two 3-foot lengths of flexible Tygon® plastic tubing, and two 1/8" pipe thread to tube adaptors.

MODEL CHART			
Model	Model	Model	Ranges
1221-8-W/M	1222-8-W/M	1223-8-W/M	8 (4-0-4) in w.c.
1221-12-W/M	1222-12-W/M	1223-12-W/M	12 (6-0-6) in w.c.
1221-16-W/M	1222-16-W/M	1223-16-W/M	16 (8-0-8) in w.c.
1221-20-W/M	1222-20-W/M	1223-20-W/M	20 (10-0-10) in w.c.
1221-24-W/M	1222-24-W/M	1223-24-W/M	24 (12-0-12) in w.c.
1221-36-W/M	1222-36-W/M	1223-36-W/M	36 (18-0-18) in w.c.
1221-M200-W/M	1222-M200-W/M	1223-M200-W/M	M200 (100-0-100) mm w.c.
1221-M300-W/M	1222-M300-W/M	1223-M300-W/M	M300 (150-0-150) mm w.c.
1221-M400-W/M	1222-M400-W/M	1223-M400-W/M	M400 (200-0-200) mm w.c.
1221-M600-W/M	1222-M600-W/M	1223-M600-W/M	M600 (300-0-300) mm w.c.
1221-M1000-W/M	1222-M1000-W/M	1223-M1000-W/M	M1000 (500-0-500) mm w.c.

**Note:** To order models with red gage fluid change -W/M to -D.

OPTIONS	
To order add suffix:	Description
-NIST	NIST traceable calibration certificate
<b>Example:</b> 1230-8-W/M-NIST	

ACCESSORIES - STANDARD	
Model	Description
1221	2 plastic carrying plugs; 2 flexible plastic tubing connectors for attachment of 3/16" rubber or plastic tubing without kinking. 1 ounce bottle .826 sp. gr. red gage fluid furnished for "D" style manometers. Fluorescein green dye concentrate furnished with "W/M" style manometers.
1222	2 magnetic mounting clips; tube clamp; 2 plastic carrying plugs and 2 flexible plastic tubing connectors for attachment of 3/16" rubber or plastic tubing without kinking. 1 ounce bottle .826 sp. gr. red gage fluid furnished for "D" style manometers. Fluorescein green dye concentrate furnished with "W/M" style manometers.
1223	Magnetic mounting clips; tube clamp and Type "a" connections consisting of two rapid shut off molded nylon tubing connectors; two 1/8" pipe thread to tube adapters; two 3-foot lengths of Tygon® plastic tubing, 1 ounce bottle .826 sp. gr. red gage fluid is furnished for "D" style manometers; fluorescein green dye concentrate with "W/M" style.

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