



13G533



21RV55

Digital Pressure Meter for Industrial & Shop Applications

- 2 GB datalogging
- SD card and RS-232 interface

Portable handheld meter displays 10 selectable pressure units on backlit dual LCD display. Datalogger records up to 20M readings via included SD card. Features data hold, max./min., and record/recall. Adjustable sampling rate. Commonly used in hydraulic and pneumatic industrial shop applications. Order transmitters separately.



Transmitters - Interchangeable transducers plug into meter which automatically senses the transducer's range and calibration. Corrosion-resistant brass alloy construction.

Pressure Meter	Pressure Range	Accuracy	Item No.
	0.01 to 10 bar, 0.01 to 9.87 atm, 0.09 to 10.19 kg/sq cm, 0.1 to 101.9 m H2O, 0.2 to 145 psi, 0.2 to 295.2 in Hg, 1 to 1000 kPa, 10 to 10000 hPa, 10 to 7500 mm Hg, 5 to 4010 in H2O (with 150 psi transducer)	±0.50% of Reading	13G533
Transmitters			
	0.02 to 30 psi	±1% of Full Scale	1PX64
	0 to 150 psi	±2%	21RV55

Analog Manometers

Provide continuous readings of atmospheric, static, vacuum, or differential pressure with no power source required. Commonly used in general purpose HVAC applications as well as specialized applications ranging from paint booths to cleanrooms and laboratories.

Stationary - **MARK II** units have a curved inclined vertical tube to provide measurements at higher ranges in easy-to-read increments. Include 2 static pressure tapes, double column plastic tubing, indicating fluid, mounting screws, and pointer flags. **Series 1227** offers readings as a U-tube or inclined gauge. Clear, shatterproof indicating tube. Includes gauge oil, tubing for pressure source connection, magnetic clips, and carrying case.

Portable - U-shaped flexible tube unrolls when in use, and can be easily rolled up for storage. Feature overpressure safety traps to prevent loss of fluid. Include 1 bottle of fluid, nylon rubber tubing connectors, magnetic mounting clips, and plastic case.

Testing kit contains all components needed for checking pressure in most gas appliances. Includes 1 bottle fluid, pipe thread bushing, 16 in manometer 3T302, rubber tubing, rubber tubing adapter, 2 pipe thread rubber tubing adapters, and plastic case.



Stationary
K4725



Portable
K4724



Kit
3T293

Pressure Range	Slack Tube Length	Manometer Type	Fluid Color	Series	Item No.
Stationary Analog Manometers					
0 to 3 in wc	—	Inclined Vertical	Red	MARK II	K4725
0 to 7 in wc	—	Inclined Vertical	Blue	MARK II	K4725
-0.20 to 2.6 in wc, 0 to 16 in wc	—	U-Inclined	Red	1227	3T294
Portable Analog Manometers					
-12 to 12 in wc, -4 to 4 in wc, -6 to 6 in wc, -8 to 8 in wc, -24 to 24 in wc, -30 to 30 in wc, -36 to 36 in wc, -60 to 60 in wc, -18 to 18 in wc	24 in, 8 in, 12 in, 16 in, 48 in, 60 in, 72 in, 120 in, 36 in	Flexible U-Tube	Green	1211	K4724
Testing Manometer Kits for Gas Appliances					
-8 to 8 in wc	16 in	Flexible U-Tube	Green	1212	3T293
Fluid Color	Bottle Capacity	Specific Gravity	For Use With	Item No.	
Analog Manometer Fluids					
Red	4 oz	0.83	2T650; 3T294	1TC00	
Inclined Manometer Stands					
—	—	—	MARK II 25, MARK II 26	1TC33	

Submersible Level Transmitters

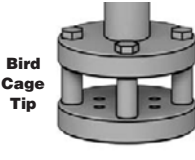
- Available in pressure ranges from 0 to 100 psi and 0 to 690 ft wc at Grainger.com
- Available with cable lengths from 25 to 710 ft. at Grainger.com
- Lightning and surge protection
- Electrical connections are cable and wire leads

Transmitters are placed at the bottom of a tank, well, or other liquid container to measure the height of liquid referenced to atmospheric pressure. Commonly used in a variety of water management applications.

Polyurethane coated cables are for water monitoring, environmental remediation, and water tanks. ETFE (ethylene tetra fluoroethylene) coated cables provide excellent temperature, chemical, and corrosion resistance for wastewater, sludge pits, chemical and oil tanks, slurries, sumps, and reservoirs.



Bullet
Nose Tip



Bird
Cage
Tip



K4731



Flush
Tip

Accuracy	Sensor Length	Tip Design	Power Req.	Output	Brand	POLYURETHANE CABLE COATING Item No.	ETFE CABLE COATING Item No.
Submersible Level Transmitters for Tanks & Groundwater							
±0.25% of Full Scale	4.08 in	Bullet Nose	13 to 30V DC	4 to 20mA DC	Flowline	K4739	—
±0.25% of Full Scale	6.7 in	Bullet Nose	10 to 30V DC	4 to 20mA DC	Mercoid	K4735	K4736
Submersible Level Transmitters for Harsh Applications							
±0.25% of Full Scale	7.8 in	Bird Cage	13 to 30V DC	4 to 20mA DC	Mercoid	K4731	K4732
±0.25% of Full Scale	5.94 in	Flush Tip	10 to 33V DC	4 to 20mA DC	Dwyer	K4733	K4734
±0.25% of Full Scale	5.94 in	Flush Tip	10 to 33V DC	4 to 20mA DC	Dwyer	K4733	—
Miniature Level Transmitters for Boreholes & Wells							
±0.25% of Full Scale	6.37 in	Bullet Nose	10 to 36V DC	4 to 20mA DC	Ashcroft	K4738	—
±0.25% of Full Scale	6.7 in	Bullet Nose	10 to 33V DC	0 to 5V DC	Dwyer	K4729	K4730
±0.25% of Full Scale	6.7 in	Bullet Nose	10 to 33V DC	4 to 20mA DC	Dwyer	K4727	—
±0.10% of Full Scale	6.7 in	Bullet Nose	10 to 33V DC	4 to 20mA DC	Dwyer	K4728	—
Accessories						Item No.	
Termination Box for K4738						Ashcroft	40AZ94
Mounting Kit for K4739						Flowline	49K044
Desiccant Filter for K4739						Flowline	49K045



For Tanks and Groundwater - **Flowline** units have 316 SS, 316L SS, Buna-N and PVC wetted materials. **Mercoid** units have a bullet nose design that protects the diaphragm from damage. Wetted materials are 316 SS, 316L SS, PVC, and fluoroelastomer.

For Harsh Applications - **Mercoid** units have a durable bird cage design with large diameter 316 SS diaphragm seal that is non-clogging and damage resistant to floating solids. **Dwyer** units have a flush diaphragm tip that will not clog in aggressive fluids. Ideal for use with sludge and slurries.

Miniature for Boreholes and Wells - **Ashcroft** units have a small 17mm dia. and complete 316 SS construction. **Dwyer** units have a 0.63" dia. to fit into narrow openings. 316 SS body and nose cap.