

# Digital Manometers

Intrinsically safe for hazardous locations,  
Class 1, Div.1, Group A, B, C, D, T4

- Measures positive, negative, and differential pressures
- ±0.5% full-scale accuracy
- Rugged, extruded aluminum case
- Selectable English/metric units



68072-70

SPECIFICATIONS	
Accuracy	±0.5% full-scale from 60 to 78°F; ±1.5% full-scale from 32 to 60°F and 78 to 104°F
Units of measure	psi, in. H <sub>2</sub> O, kPa, bar
Media compatibility	Noncorrosive air and gases
Display	4-digit LCD, 0.42"H
Operating temperature	32 to 104°F (0 to 40°C)
Process connection	Two 1/8" NPT(F)
Dimensions (W x H x D)	2 1/2" x 7" x 1 3/4" (64 x 178 x 44 mm)
Power	One 9 V battery, 100 hrs life

What's included: One 9 V battery.

Catalog No.	Model No.	English range	Metric range	Max pressure	
TS-68072-66	475-000-FM	0 to 1" H <sub>2</sub> O	0 to 0.249 kPa	5 psi	
TS-68072-68	475-00-FM	0 to 4" H <sub>2</sub> O	0 to 1 kPa	5 psi	
TS-68072-70	475-0-FM	0 to 10" H <sub>2</sub> O	0 to 2.49 kPa	5 psi	
TS-68072-72	475-1-FM	0 to 20" H <sub>2</sub> O	0 to 5 kPa	10 psi	
TS-68072-74	475-4-FM	0 to 10 psi	0 to 69 kPa	30 psi	
TS-68072-76	475-6-FM	0 to 30 psi	0 to 200 kPa	60 psi	
TS-68072-78	475-7-FM	0 to 100 psi	0 to 700 kPa	150 psi	
TS-68072-80	475-8-FM	0 to 150 psi	0 to 1035 kPa	200 psi	
<b>Accessories</b>					
TS-09386-04	—	Replacement batteries, 9 V. 4/pk			
TS-17100-31	—	<b>NIST-traceable calibration with data</b>			

## Wet / Wet Handheld Digital Manometers

Liquid and gas pressure measurement, ±0.5% F.S. accuracy

Select from up to seven common English and metric pressure units (psi, in. H<sub>2</sub>O, in. Hg, mm Hg, kPa, bar or mbar)—no need for conversions.

- Measures virtually any liquid media compatible with 316L stainless steel
- Instant selection from up to seven English/metric units
- Stores 40 readings in memory for later reference
- Both audible and visual overpressure alarms

SPECIFICATIONS	
Accuracy	±0.5% F.S., 60 to 78°F (15.6 to 25.6°C); ±1.5% F.S. from 32 to 60°F and 78 to 104°F (0 to 15.6°C and 25.6 to 40°C)
Media compatibility	Compatible, non-combustible gases & liquids
Pressure hysteresis	±0.1% of full scale
Display	0.42" (10.6 mm) 4 1/2-digit liquid crystal
Operating temperature	32 to 104°F (0 to 40°C)
Process connections	Two 1/8" (3.18 mm) female NPT
Power	9 V battery, 100 hrs



68072-38

What's included: One 9 V battery.

Catalog No.	Model No.	English range	Metric range	Maximum pressure	
TS-68072-38	490-1	0 to 15 psi	0 to 100 kPa	30 psi (2.7 bar)	
TS-68072-40	490-2	0 to 30 psi	0 to 200 kPa	60 psi (4.13 bar)	
TS-68072-42	490-3	0 to 50 psi	0 to 350 kPa	120 psi (6.89 bar)	
TS-68072-44	490-4	0 to 100 psi	0 to 700 kPa	200 psi (13.78 bar)	
TS-68469-07	490-5	0 to 500 psi	0 to 3450 kPa	1000 psi (68.9 bar)	
<b>Accessories</b>					
TS-68072-95	A-402A	Carrying case			
TS-09386-04	—	Replacement batteries, 9 V. 4/pk			
TS-17100-31	—	<b>NIST-traceable calibration with data</b>			