

Additel Pressure Gauge Selection Guide



Feature	Series	ADT672 Series Digital Pressure Calibrator	ADT681 Series Digital Pressure Gauge	ADT680 Series Digital Pressure Gauge		
Gauge Pressure		•	•	•		
Compound Pressure		•	•	•		
Absolute Pressure		•	•			
Differential Pressure		•	•			
Accuracy Classes		0.02% & 0.05%FS 15K & 20K psi: 0.05%FS > 20K psi: 0.1%FS	0.02%, 0.05%, 0.1%, & 0.2%FS & 0.1%RD 15K & 20K psi: 0.05%, 0.1%, 0.2%FS & 0.1%RD >20K psi: 0.1% & 0.2%FS	0.05%, 0.1%, & 0.25%FS > 20K psi: 0.1% & 0.25%FS		
Digital Display		•	•	•		
Analog Display (Fan-Shaped Indication)			•			
Fully Temperature Compensation from -10 C to 50 C		•	•	•		
Resolution						
6-Digit Resolution		•				
5-Digit Resolution		•	•	•		
Selectable Pressure Units		11	11	19		
Backlight		•	•	•		
Over Pressure Indication		•	•	•		
IS Certification (optional – not available for panel mount)			ADT681IS only (≥ GP15)			
IP67 Certification				•		
Panel Mount (optional)			•			
Wireless				680W only		
Data Logging		•	Optional	680W only		
Min/Max		•	•	•		
Built-in Leak Test		•		•		
HART Communication		•				
Measure mA and V		•				
24V Loop Power		•				
Switch Test		•				
NIST-Traceable Certificate of Calibration		•	•	•		
Power		Rechargeable battery	9V battery (120/220V adapter is optional)	2AA batteries		
Series Pressure	Pressure Range		Media	ADT672 Series Digital Pressure Calibrator	ADT681 Series Digital Pressure Gauge	ADT680 Series Digital Pressure Gauge
	psi	bar				
Gauge						
V15	-15 to 0	-1 to 0	G	•	•	•
GP5	0 to 5	0 to 0.35	G	•	•	
GP10	0 to 10	0 to 0.7	G	•	•	
GP15	0 to 15	0 to 1	G, L	•	•	•
GP30	0 to 30	0 to 2	G, L	•	•	•
GP50	0 to 50	0 to 3.5	G, L	•	•	
GP100	0 to 100	0 to 7	G, L	•	•	•
GP150	0 to 150	0 to 10	G, L	•	•	•
GP300	0 to 300	0 to 20	G, L	•	•	•
GP500	0 to 500	0 to 35	G, L	•	•	•

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Series Pressure	Pressure Range		Media	ADT672 Series Digital Pressure Calibrator	ADT681 Series Digital Pressure Gauge	ADT680 Series Digital Pressure Gauge
	psi	bar				
GP600	0 to 600	0 to 40	G, L	•	•	
GP1K	0 to 1K	0 to 70	G, L	•	•	•
GP2K	0 to 2K	0 to 140	G, L	•	•	
GP3K	0 to 3K	0 to 200	G, L	•	•	•
GP5K	0 to 5K	0 to 350	G, L	•	•	•
GP10K	0 to 10K	0 to 700	G, L	•	•	•
GP15K	0 to 15K	0 to 1K	G, L	•	•	•
GP20K	0 to 20K	0 to 1.4K	G, L	•	•	•
GP25K	0 to 25K	0 to 1.6K	G, L	•	•	•
GP30K	0 to 30K	0 to 2K	G, L	•	•	•
GP36K	0 to 36K	0 to 2.5K	G, L	•	•	•
GP40K	0 to 40K	0 to 2.8K	G, L	•	•	•
GP50K	0 to 50K	0 to 3.5K	G, L	•	•	•
GP60K	0 to 60K	0 to 4.2K	G, L	•	•	•
Compound						
CP2	±2	±0.16	G	•	•	
CP5	±5	±0.35	G	•	•	
CP10	±10	±0.7	G	•	•	
CP15	±15	±1	G	•	•	•
CP30	-15 to 30	-1 to 2	G	•	•	•
CP100	-15 to 100	-1 to 7	G, L	•	•	
CP300	-15 to 300	-1 to 20	G, L	•	•	
Absolute						
AP5	5	0.35	G	•	•	
AP10	10	0.7	G	•	•	
AP15	15	1	G	•	•	
AP30	30	2	G	•	•	
AP50	50	3.5	G	•	•	
AP100	100	7	G, L	•	•	
AP300	300	20	G, L	•	•	
AP500	500	35	G, L	•	•	
AP1K	1K	70	G, L	•	•	
AP3K	3K	200	G, L	•	•	
AP5K	5K	350	G, L	•	•	
Differential						
	inH ₂ O	mbar				
DP1	±1	±2.5	G	•	•	
DP2	±2	±5	G	•	•	
DP5	±5	±10	G	•	•	
DP10	±10	±25	G	•	•	
DP20	±20	±50	G	•	•	
DP30	±30	±75	G	•	•	
DP50	±50	±160	G	•	•	
DP150	±150	±350	G	•	•	
DP300	±300	±700	G	•	•	