

Internal Module Specification and Compatibility

Model	Range		Media	Accuracy (% FS) ^[1]	Burst Pressure	761A-LLP	761A-D	761A-500	761A-1K
	mbar ^[6]	inH2O ^[6]							
ADT155-20-DP025	± 0.62	± 0.25	Gas	± 0.2 ^[2]	100x	•			
ADT155-10-DP050	± 1.25	± 0.5	Gas	± 0.1 ^[3]	100x	•			
ADT155-05-DP1	± 2.5	± 1	Gas	± 0.05 ^[4]	100x	•			
ADT155-05-DP2	± 5	± 2	Gas	± 0.05 ^[4]	100x	•			
ADT155-05-DP5	± 10	± 5	Gas	± 0.05 ^[4]	50x	•			
ADT155-05-DP10	± 25	± 10	Gas	± 0.05 ^[4]	20x	•	•		
ADT155-05-DP20	± 50	± 20	Gas	± 0.05	20x	•	•		
ADT155-05-DP30	± 75	± 30	Gas	± 0.05	20x	•	•		
ADT155-05-DP50	± 125	± 50	Gas	± 0.05	3x		•		
ADT155-02--DP100	± 250	± 100	Gas	± 0.02	3x		•		
ADT155-02-DP150	± 350	± 150	Gas	± 0.02	3x		•		
ADT155-02-DP300	± 700	± 300	Gas	± 0.02	3x		•		
ADT155-02-DP400	-950 to 1K	-380 to 400	Gas	± 0.02	3x		•		
ADT155-02-DP800	-950 to 2K	-380 to 800	Gas	± 0.02	3x		•		
ADT155-02-DP1K	-950 to 2.5K	-380 to 1K	Gas	± 0.02	3x		•		
Gauge Pressure	barg	psig							
ADT155-02-CP10	± 0.7	± 10	Gas	± 0.02 ^[5]	3x		•	•	
ADT155-02-CP15	-0.95 to 1	-13.5 to 15	Gas	± 0.02 ^[5]	3x		•	•	
ADT155-02-CP30	-0.95 to 2	-13.5 to 30	Gas	± 0.02 ^[5]	3x		•	•	•
ADT155-02-CP35	-0.95 to 2.5	-13.5 to 35	Gas	± 0.02 ^[5]	3x		•	•	•
ADT155-02-CP50	-0.95 to 3.5	-13.5 to 50	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP100	-0.95 to 7	-13.5 to 100	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP150	-0.95 to 10	-13.5 to 150	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP200	-0.95 to 14	-13.5 to 200	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP300	-0.95 to 20	-13.5 to 300	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP500	-0.95 to 35	-13.5 to 500	Gas	± 0.02 ^[5]	3x			•	•
ADT155-02-CP600	-0.95 to 40	-13.5 to 600	Gas	± 0.02 ^[5]	3x				•
ADT155-02-CP1K	-0.95 to 70	-13.5 to 1K	Gas	± 0.02 ^[5]	3x				•

[1] FS specification applies to the span of the module range. Accuracy includes one-year stability, except for DP025 to DP10 modules.

[2] Accuracy is a 6 months spec, 1-year long-term drift is 0.2% FS

[3] Accuracy is a 6 months spec, 1-year long-term drift is 0.1% FS

[4] Accuracy is a 6 months spec, 1-year long-term drift is 0.05% FS

[5] Specification based on gauge measurement. An additional 55 pa uncertainty will need to be included when measuring in absolute mode.

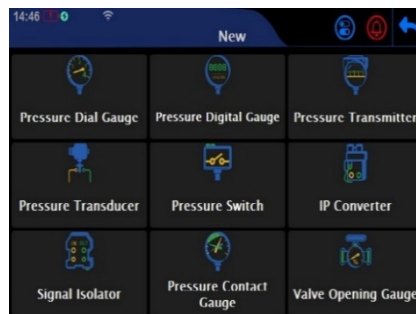
[6] The low module negative pressure range may be lower than the pressure range of the calibrator

Applicable only for use with the ADT761A-500 and ADT761A-1K

* ADT155 Pressure modules are calibrated in psi & inH2O

General Specifications

Specification	Description
User Interface	Color touch screen and/or keypad operation
Channels	Four total: one electrical, high or low internal pressure module, two external pressure modules
Enclosure IP Rating	IP31
Battery	Rechargeable Li-Ion battery, typically 12 hours of operation, recharges in less than 5 hours
Power	Rechargeable Li-Ion battery, external power: 110/220V power adapter 27V
Display	7" TFT touch screen 800 x 480 color
Communications	USB-B, LAN, Bluetooth, Wi-Fi and Ethernet
Weight	<7.95 KG (17.52 lb)
Size	299 x 193 x 192 mm (11.77 x 7.60 x 7.56 in)
Certification	ISO17025 accredited certificate of calibration with NIST-traceable data
Data Storage	>8 GB
Data Logging	Up to 1,000,000 readings (data and time stamped)
HART Communicator	Read, configure and calibrate HART devices – DD files updated periodically
Task Documentation	Up to 1000 tasks can be stored with data
Automation Functions	Switch test, auto step, leak test
Multi Lingual Interface	English, German, French, Italian, Spanish, Portuguese, Chinese, Japanese and Russian
Pump Life	> 1,000,000 cycles
Environment Specifications	Operating temperature: 0°C to 50°C (32 °F to 122 °F)
	Compensated temperature: 0°C to 50°C (32 °F to 122 °F)
	Storage temperature: -20°C to 60°C (-4 °F to 120 °F)
	Humidity: <90%, non-condensing
Vibration and Shock	Vibration: 20 to 2,000 Hz (4g) Shock: 8g, 1 meter drop test
Compliance	CE
Software Compatibility	ACal, Additel Land and Additel Link for access via mobile application
Warranty	1 year
Hose & Filter End of Life	The estimated End of Life (EOL) expectancy for all hoses and filters (pneumatic and hydraulic) is approximately 10 years and should be replaced at the first sign of wear or damage.



Pressure gauge / transmitter / switch calibration

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Task Menu

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High Pressure Automated Calibration

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