

Additel 783

Pressure Controller



- Pressure ranges from -14.35 psi (-0.99 bar) to 3600 psi (250 bar)
- Two removable internal pressure modules with multi-range selection
- 0.02%FS, 0.01%FS, and 0.01%RD accuracy
- Control stability of 0.003%FS
- Ultra-High speed pressure control
- Absolute & Gauge Pressure
- LAN, USB, RS232, and Ethernet communication
- Large 7" color touch screen display
- Optional barometric pressure module
- Easy-to-use icon driven interface
- I/O alarm
- Emulation mode



OVERVIEW

These modular pressure controllers combine cutting-edge control/measurement technology, modular design, and user-friendly features. The Additel 783 controller series is optimized for speed without compromising accuracy and stability. For users who require automated production, test, and calibration, Additel has the workload covered with this pressure controller. The ADT783 can quickly be outfitted with two controlling modules and one reference barometric module to cover a wide pressure range. The Additel 783 series offers three base units to choose from, which range from 3600 psi (250 bar) down to low pressure differential.

ADT783-D

The ADT783-D is designed for differential and gauge pressure calibration to as low as ± 10 inH₂O (± 25 mbar) up to 36 psi (2.5 bar). Select between one or two pressure control modules. Each module comes with a dual-range calibration, expanding measurement accuracy within each module. This unit has a control stability of 0.003%FS. In addition to the two control modules, an optional barometric module can be added which allows for gauge and absolute measurements.



ADT783-1K

The ADT783-1K is designed for gauge pressure calibration from -14.35 (-0.99 bar) up to 1000 psi (70 bar). Select between one or two pressure control modules. Each module comes with a dual-range calibration, expanding measurement accuracy within each module. This unit has a control stability of 0.003%FS. In addition to the two control modules and optional barometric module can be added which allows for gauge and absolute measurements.



ADT783-3.6K

The ADT783-3.6K is designed for gauge pressure calibration from -14.35 (-0.99 bar) up to 3600 psi (250 bar). Select between one or two pressure control modules. Each module comes with a dual-range calibration, expanding measurement accuracy within each module. This unit has a control stability of 0.003%FS. In addition to the two control modules and optional barometric module can be added which allows for gauge and absolute measurements.



Quick Change Pressure Modules (30 seconds)

Additel's 151 pressure control modules can be installed or replaced within 30 seconds or less. The upper edge of the cabin is simple to open. As the door opens, the controller will automatically release pressure, providing the safe removal and installation of the ADT151 modules. Additel offers various different pressure ranges for the ADT783 controller by utilizing these easy to swap pressure modules. Select from the module ranges listed on page 5 and page 6.



Convenient Automatic Calibration of Internal Pressure Control Module

Within production environments, higher frequency of calibration and comparison of the pressure control module is important and helps to provide confidence. The ADT783 can be connected with an external high-precision pressure module, which can be used to achieve regular comparison of the internal pressure control module, and can also be used to perform automated calibration of the internal pressure control module.



Modular Design, Easy Maintenance

The ADT783 adopts a variety of easy maintenance design features, which allows users to quickly change the rear mounted pressure control module, quickly change the pressure control and valve components, quickly clean the solenoid valve, and provides fine filtration of pollution particles.



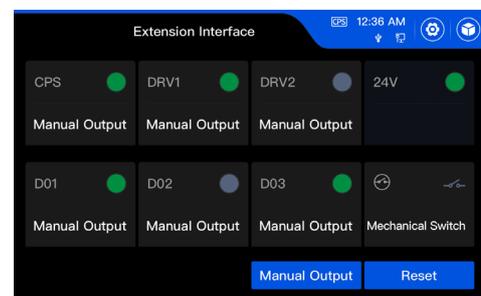
20% Pressure Step within 10 Seconds

In the process of efficient and fast-paced production line testing, verification and calibration, users have strict requirements on the speed of pressure controllers. The ADT783 adopts professional control technology to effectively improve control rate and stability: control response time (typical) ≤ 10 Seconds, control stability (typical) $\leq \pm(0.001\sim 0.003)\%$ FS, see specifications for more details.



Vacuum Pump Automatic Start-Stop, Greatly Extending the life of Vacuum Pump

The ADT783 incorporates a built-in positive pressure/vacuum gas source with switching components. When controlling a small pressure above the atmospheric pressure point, it can be controllable and stable without connecting the vacuum pump. When controlling negative pressure or vacuum pressure, there is no need to utilize an external vacuum pump or protection components. A solid-state relay can be connected to the power supply line of the vacuum pump to realize fully automatic vacuum pump start-stop control, greatly extending the life of the vacuum pump.



Volt Free Contacts

The ADT783 built-in 3-way solenoid valve drive can directly control the external isolation valve without an external power supply. Multiple isolation valve combination applications greatly enhances the flexibility of the test system. Three non-contact relay outputs can be used to realize the alarm output of the device, and can also be used to trigger external devices.

Pressure Specifications

| Specification / Model | ADT783-D | ADT783-1K | ADT783-3.6K |
|---|--|---|---|
| Max Pressure Range | 35 psi (2.5 bar) | 1000 psi (70 bar) | 3600 psi (250 bar) |
| Min Pressure Range ^[1] | -14.35 psi (-0.99 bar) | -14.35 psi (-0.99 bar) | -14.35 psi (-0.99 bar) |
| Precision ^[2] | 0.015%FS (DP2-DP5) 0.025%FS (DP10-DP1K) | 0.01%FS or 0.007%FS or 0.008%RD | 0.01%FS or 0.007%FS or 0.008%RD |
| Accuracy ^[3] | 0.05%FS (DP2-DP5) 0.02%FS (DP10-DP1K) | 0.02%FS or 0.01%FS or 0.01%RD | 0.02%FS or 0.01%FS or 0.01%RD |
| Control Stability ^[4] | < 0.003%FS, typically 0.001%FS | < 0.003%FS, typically 0.001%FS | < 0.003%FS, typically 0.001%FS |
| Control Response Time ^[5] | < 10 Seconds | < 10 Seconds | < 10 Seconds |
| Pressure Type | Differential | Gauge | Gauge |
| Gauge and Absolute Pressure Switchable ^[6] | Optional | Optional | Optional |
| Interchangeable Pressure Module Bays | 2 | 2 | 2 |
| Max Pressure Control Range of Internal Module | -14.5 to 36 psi (-1 to 2.5 bar) | -14.5 to 1000 psi (-1 to 70 bar) | -14.5 to 3600 psi (-1 to 250 bar) |
| Min Pressure Control Range of Internal Module | ±2 inH2O (±2.5 mbar) | ±10 psi (±0.7 bar) | -15 psi to 150 psi (-1~10 bar) |
| Maximum High-low Range Ratio | NA | 20:1 | NA |
| Range Switching Mode | Fixed or Auto | Fixed or Auto | Fixed or Auto |
| Supply Source ^[7] | External air source | External air source | External air source |
| Maximum Supply Pressure ^[8] | 4 bar | 80 bar | 280 bar |
| Control Mode | Fast, standard, custom | Fast, standard, custom | Fast, standard, custom |
| Maximum Overshoot | < 1%FS | < 1%FS | < 1%FS |
| Maximum Load Volume | 1000 mL | 1000 mL | 1000 mL |
| Contamination Prevention System (CPS) | Optional | Optional | Optional |
| Pressure Port | 6 mm Festo | 1/4 BSP M | 1/4 BSP M |
| Air Source Port Safe Pressure Limit ^[9] | Air source port: 10 bar Vacuum source port: 5 bar | Air source port: 140 bar Vacuum source port: 5 bar | Air source port: 300 bar Vacuum source port: 5 bar |
| Port Filter ^[10] | Support | Support | Support |

[1] The minimum negative pressure limit is given based on the atmospheric pressure value of 1bar.

[2] Precision: the error components include linearity, hysteresis, repeatability, resolution, and temperature compensation.

[3] Accuracy: the error components include linearity, hysteresis, repeatability, resolution, reference standard measurement uncertainty, annual drift, temperature compensation, K=2.

[4] In order to achieve 0.001% FS control stability, some additional stabilization time at the desired pressure may be needed depending on the configuration and pressure level.

[5] The air pressure is tested under an external load volume 50 ml, 20% step, and the time to reach 0.005%FS stability.

[6] After the reference atmospheric pressure module is installed, users can select gauge or absolute pressure.

[7] Gas refers to clean and dry nitrogen or air.

[8] In order to achieve the best control effect, the air source pressure should be adjusted to about 110% of the maximum range of the internal pressure control module or 1bar, whichever is greater.

[9] In order to prevent the inlet pressure of the air source from exceeding the safety limit, it is recommended to install a suitable pressure safety valve at the outlet of the air source.

[10] All pressure ports are installed with 40-100 µm filters.

Specifications for ADT783 Pressure Modules

The following tables provide information regarding our ADT151 modular pressure sensors that are designed to easily mount in the front bays of the ADT783 Pressure controller. Our differential pressure (DP) and compound pressure (CP) module accuracy specifications include linearity, hysteresis, repeatability, temperature compensation and annual drift, precision specifications include linearity, hysteresis, repeatability, resolution, and temperature compensation. Both the DP and CP style gauges can be zeroed by the controller from time to time to mitigate the effect of zero drift. The specifications are valid from 15°C~35°C. We recommend that these pressure models be calibration annually.

| Standard Compound Gauge Pressure Module for ADT783-1K / 3.6K | | | | | | |
|--|-------------------------------|-------------------------------|-------|-----------------------------------|--------------------------------------|--|
| Model | Compound Gauge pressure | | Media | Precision ^[2] (%FS) | Accuracy ^{[3][4]} (% FS) | Suggested Controller Compatibility |
| | 1st range ^[1] | 2nd range | | | | |
| ADT151-XX-CP3.6K | (-15~3600) psi / (-1~250) bar | (-15~1500) psi / (-1~100) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-3.6K only |
| ADT151-XX-CP3K | (-15~3000) psi / (-1~200) bar | (-15~1500)psi / (-1~100) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-3.6K only |
| ADT151-XX-CP2K | (-15~2000) psi / (-1~140) bar | (-15~1000) psi / (-1~70) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-3.6K only |
| ADT151-XX-CP1K | (-15~1000) psi / (-1~70) bar | (-15~500) psi / (-1~35) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | Both |
| ADT151-XX-CP500 | (-15~500) psi / (-1~35) bar | (-15~300) psi / (-1~20) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | Both |
| ADT151-XX-CP300 | (-15~300) psi / (-1~20) bar | (-15~150) psi / (-1~10) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | Both |
| ADT151-XX-CP150 | (-15~150) psi / (-1~10) bar | (-15~60) psi / (-1~4) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |
| ADT151-XX-CP100 | (-15~100) psi / (-1~7) bar | (-15~50) psi / (-1~3.5) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |
| ADT151-XX-CP50 | (-15~50) psi / (-1~3.5) bar | (-15~30) psi / (-1~2) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |
| ADT151-XX-CP35 | (-15~35) psi / (-1~2.5) bar | (-15~15) psi / (-1~1) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |
| ADT151-XX-CP30 | (-15~30) psi / (-1~2) bar | (-15~15) psi / (-1~1) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |
| ADT151-XX-CP15 | (-15~15) psi / (-1~1) bar | (-10~10) psi / (-0.7~0.7) bar | G,L | 0.007 (0.01) | 0.01 (0.02) | ADT783-1K only |

[1] The overload pressure of all pressure modules is 110%FS, and the burst pressure is 200%FS, the burst pressure of CP150 is 130%FS.

[2] Precision: the error components include linearity, hysteresis, repeatability, resolution, and temperature compensation.

[3] FS specification applies to the span of the range.

[4] Accuracy: the error components include linearity, hysteresis, repeatability, resolution, reference standard measurement uncertainty, annual drift, temperature compensation, K=2.

[5] Sealed gauge pressure for CP2K,CP3K,CP3.6K.

| Differential Pressure Module for ADT783-D | | | | | | |
|---|--|---------------------------------------|---------------------|-------|--------------------------------------|-----------------------------------|
| Model | Differential Pressure | | Measurement Type | Media | Precision ^{[2][3]} (%FS) | Accuracy ^[4] (% FS) |
| | 1st range ^[1] | 2nd range | | | | |
| ADT151-XX-DP1K | (-400~1000) inH2O (-1000~2500) mbar | (-400~400) inH2O (-1000~1000) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP800 | (-400~800) inH2O (-1000~2000) mbar | (-400~400) inH2O (-1000~1000) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP400 | (-400~400) inH2O (-1000~1000) mbar | (-200~200) inH2O (-500~500) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP300 | (-300~300) inH2O (-700~700) mbar | (-150~150) inH2O (-350~350) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP200 | (-200~200) inH2O (-500~500) mbar | (-100~100) inH2O (-250~250) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP150 | (-150~150) inH2O (-350~350) mbar | (-100~100) inH2O (-250~250) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP100 | (-100~100) inH2O (-250~250) mbar | (-50~50) inH2O (-125~125) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP50 | (-50~50) inH2O (-125~125) mbar | (-30~30) inH2O (-75~75) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP30 | (-30~30) inH2O (-75~75) mbar | (-20~20) inH2O (-50~50) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP20 ^[5] | (-20~20) inH2O (-50~50) mbar | (-10~10) inH2O (-25~25) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP10 ^[5] | (-10~10) inH2O (-25~25) mbar | (-5~5) inH2O (-10~10) mbar | DP | G | 0.015 | 0.02 |
| ADT151-XX-DP5 ^[5] | (-5~5) inH2O (-10~10) mbar | (-2~2) inH2O (-5~5) mbar | DP | G | 0.025 | 0.05 |
| ADT151-XX-DP2 ^[5] | (-2~2) inH2O (-5~5) mbar | (-1~1) inH2O (-2.5~2.5) mbar | DP | G | 0.025 | 0.05 |

[1] The overload pressure of all pressure modules is 150%FS, and the burst pressure of modules: DP20 / DP 10 / DP5 / DP2: 100mbar, DP100 / DP50 / DP30:1000mbar, DP400 / DP300 / DP200 / DP150: 4000 mbar, DP800 / DP1000:10000 mbar.

[2] FS specification applies to the span of the range.

[3] Precision: the error components include linearity, hysteresis, repeatability, resolution, and temperature compensation.

[4] Accuracy: the error components include linearity, hysteresis, repeatability, resolution, reference standard measurement uncertainty, annual drift, temperature compensation, K=2.

[5] Recommended calibration period 180 days.

High-precision Compound Gauge Pressure Module Specification for ADT783-1K / 3.6K

| Model | Gauge pressure range ^[1] | Absolute Pressure Range ^[2] | Media | Precision ^{[3][4]} | Accuracy ^{[5][6]} | Suggested Contoller Compatibility |
|-------------------|-------------------------------------|--|-------|--|---|-----------------------------------|
| ADT151-XX-CP3.6KM | (-15~3600) psi | (0~3615) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-3.6K only |
| ADT151-XX-CP3KM | (-15~3000) psi | (0~3015) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-3.6K only |
| ADT151-XX-CP2KM | (-15~2000) psi | (0~2015) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-3.6K only |
| ADT151-XX-CP1.5KM | (-15~1500) psi | (0~1515) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-3.6K only |
| ADT151-XX-CP1KM | (-15~1000) psi | (0~1015) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | Both |
| ADT151-XX-CP500M | (-15~500) psi | (0~515) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | Both |
| ADT151-XX-CP300M | (-15~300) psi | (0~315) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | Both |
| ADT151-XX-CP150M | (-15~150) psi | (0~165) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | Both |
| ADT151-XX-CP100M | (-15~100) psi | (0~115) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-1K only |
| ADT151-XX-CP50M | (-15~50) psi | (0~65) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-1K only |
| ADT151-XX-CP30M | (-15~30) psi | (0~45) psi | G,L | 0.008% rdg or 0.004% FS whichever is greater | 0.01% rdg or 0.005% FS whichever is greater | ADT783-1K only |

[1] The overload pressure of all pressure modules is 110%FS, and the burst pressure is 200%FS, the burst pressure of CP150M is 130%FS.

[2] Absolute pressure is achieved through the synthesis of the basic gauge pressure module and the optional atmospheric pressure module.

[3] FS refers to the positive range, and the accuracy of the negative pressure part is equal to that of the positive pressure part.

[4] Precision: the error components include linearity, hysteresis, repeatability, resolution, and temperature compensation.

[5] The accuracy of the negative pressure part is equal to the accuracy of the positive pressure part, such as the maximum error of -15 psi is equal to the maximum allowable error of 15 psi.

[6] Accuracy: the error components include linearity, hysteresis, repeatability, resolution, reference standard measurement uncertainty, annual drift, temperature compensation, K=2.

[7] Sealed gauge pressure for CP2KM, CP3KM, CP3.6KM.

BAROMETRIC MEASUREMENT SPECIFICATIONS

| Model ^[1] | Absolute Pressure Range | Accuracy |
|----------------------|-------------------------|----------|
| ADT151-BP | (60~110) kPa | ±22 Pa |
| ADT151-BPH | (60~110) kPa | ±10 Pa |

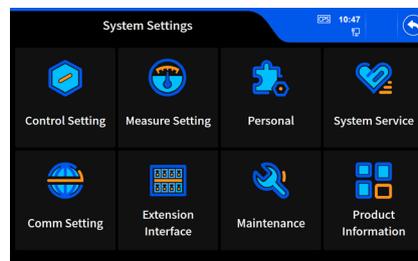
[1] A barometric pressure module is optional. After inserting the barometric pressure module, the controller can be toggled to and from gauge and absolute pressure units.

General Specifications

| Specification | Description |
|---------------------------------------|--|
| Power Requirements | Power supply: AC100~240 V, 50/60 Hz |
| | Fuse: T3.15A 250V AC |
| | Maximum Power consumption: 150W |
| Size /Weight | Chassis Size: 17.32 × 5.23 × 14.96 in (440(W) × 133(H) × 380(D) mm) |
| | Rack Mount Dimensions: 3U-19" rack, Horizontal Direction |
| | Chassis weight: 16.9 kg |
| | Pressure module weight: 0.5 kg |
| Environment | Operating Ambient: 10°C ~50°C |
| | Storage Temperature: -20°C ~70°C |
| | Operating humidity: 5%RH~95%RH, non-condensing |
| | Altitude (Operation): <2000 m |
| | Ingress Protection: IP20, Indoor use only |
| | Vibration level: 2 G |
| | Impact intensity: 4 G |
| | Warmup Time: 15 minutes |
| Conformity | Machine drop height: 250 mm |
| | CE, UKCA |
| Communications | RS232, USB-A*2, LAN |
| | WIFI, Bluetooth, GPIB, mouse, keyboard and other peripheral components can be expanded based on the USB port. |
| | SCPI Command set is compatible with ADT780, PACE5000/6000, DRUCK DPI520, user customizable |
| External drive valve port | 3-channel external drive valves, green terminal connector with lock |
| | Maximum driving ability 24 V / 12 W, 30 V max |
| | One channel fixed to the CPS pollution prevention device, the remaining 2 channels, users can be used to Control the external vacuum Pump and external isolation valve |
| I/O Alarm port | 3-channel, green terminal connector with a lock |
| | Volt-Free No/Nc relay, the maximum current-carrying capacity: 24 V / 0.5 A, 30 V max |
| Pressure switch test port | One channel, green terminal connector with lock |
| | Maximum load 24 V / 0.1 A 30 V max |
| | Support mechanical switch, electronic switch testing |
| Display | 7-inch capacitive touch screen, 1280 * 800 resolution, reflective panels, black, white background can switch |
| | Communication update speed: 10 times per second |
| | Display refresh rate: 5 times per second |
| | Pressure value maximum displays: + 9999999, display digits is adjustable |
| External pressure module | Measurement only |
| Internal pressure control module port | Opening the cabin door will automatically release the pressure for safe removal of modules |
| | Inside of cabin, 3 pressure module bays, from left to right |
| | including a high pressure module bay, a low pressure module bay, and a barometric pressure module bay |
| 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. |



Main Interface



System Settings

ORDERING INFORMATION

Model Number (Base Unit Only - No Pressure Modules)

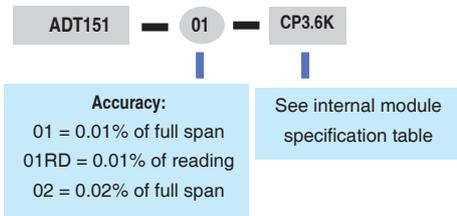
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|--------|--|
| ADT783 | Model: ADT783-D ADT783-1K ADT783-3.6K |
|--------|--|



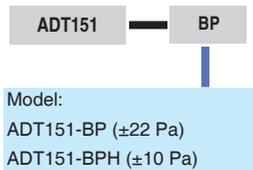
Note of ADT151 Pressure Modules

| Model number | High Module Bay | Note | Low Module Bay | Note | Barometer Module Bay | Note |
|--------------|-----------------------|---|------------------------|---|-------------------------|---|
| ADT783-D | ADT151-XX-DP30-DP1K | At least one module within the range of DP30 to DP1K must be installed in the high side module bay. | ADT151-XX-DP2-DP1K | | | |
| ADT783-1K | ADT151-XX-CP50-CP1K | At least one module within the range of CP50 to CP1K must be installed in the high side module bay. | ADT151-XX-CP15-CP1K | The low module bay can be left empty, but when a low-pressure module is installed, the range must be lower than the installed high pressure module. | ADT151-BP ADT151-BPH | See ADT151 barometric specifications table for details. |
| ADT783-3.6K | ADT151-XX-CP2K-CP3.6K | At least one module within the range of CP2K to CP3.6K must be installed in the high side module bay. | ADT151-XX-CP150-CP3.6K | | | |

Model Number (Pressure Modules)



ADT151-01-CP3.6K



ADT151-BP

| Accessories (included) | | |
|---|----------------|---------|
| Model number | Quantity | Picture |
| AC power cord (10A 250V) | 1 pc | |
| ISO17025 accredited calibration certificate | 1 pc | |
| Green terminal plug (For switch detection) | 2 pcs | |
| O-ring 3.5*1.5 (For ADT151) | 10 pcs | |
| Festo plug 6 mm (For sealing) (Only for ADT783-D) | 2 pcs | |
| Silicone tube 120 kPa max (Only for ADT783-D) | 0.3 m 3 pcs | |
| Polyurethane tube 700 kPa max (Only for ADT783-D) | 1.5 m 2 pcs | |
| ADT100-BARB-FESTO (Only for ADT783-D) | 2 pcs | |
| Standard vent assembly (Plug with vent valve) (Only for ADT783-1K/3.6K) | 1.5 m 2 pcs | |

| General Optional Accessories | | |
|------------------------------|--|---------|
| Model number | Description | Picture |
| 9050 | USB to 232 cable | |
| 9055-1 | USB to Bluetooth module | |
| 9055-2 | USB to WIFI module | |
| 9053 | USB to GPIB cable | |
| 9050-EXT | RS232 communication line | |
| 9245 | Rack Flange Assembly | |
| 9055 | Green terminal plug | |
| 9060 | ADT161 pressure modules connection cable | |
| 9054 | Calibration fixture for ADT151 (Including adapter base w/ 1/4BSP male fitting, RS232/power supply cable, 9V adapter, calibration software) | |

| Output pressure connections (Optional) | | |
|--|---|---|
| Model number | Description | Picture |
| 9240A (Only for ADT783-D) | DP gauge holder with a built-in 80 ml chamber | |
| ADT121-X | External Manifold | |
| 1650700087 | Quick connector (6 mm) | Need this 2 parts on Vent or Exhaust ports to drain the internal liquid to external container |
| 1650800039 | Polyurethane tube (6 mm x 1.5 m) | |
| ADT108-KIT | Contamination Prevention System (Including ERP#:1650800039 polyurethane hose 700 kPa Max 1.5m length, and adaptor, 6mm Festo to 1/4BSP F) | |