

DIFFERENTIAL PRESSURE AIR LEAKAGE TESTER

PART No. ALT-D□□□□

CUSTOMIZABLE

DATA OUTPUT



ALT-DR1T2F1S1

- Smart operation system with touch screen, operation UI based on testing procedure
- High sensitivity pressure sensor and adjustment unit with software algorithm ensure high accuracy and stability
- Up to 100 groups of subprogram, each can be edited separately, for individual or combination testing
- Built-in communication interface, support MODBUS and TCP/IP communication protocol
- Pressure curve screenshot and history data can be exported to flash disk
- Customizable pressure ranges, support positive/negative pressure testing
- Optional electronic pressure regulator enables sequential testing of multiple pressure groups
- Accessories such as testing tooling and fixture, inflatable bypass, fast connector, standard leak can be customized for different test requirement

Code explanation:



Code example:

ALT-DR1T2F1S1	R1 - pressure range (0~87psi)
	T2 - non-quantitative test
	F1 - mechanical type
	S1 - high-low switch

SPECIFICATION

Device type	differential pressure type
Pressure range	-14psi~362psi
Sensor accuracy	±0.2%FS
Resolution	0.001psi
Pressure unit	psi, kPa, Pa, kgf/cm ² , mmH ₂ O, bar, mbar, mmHg
Flow unit	SCCM
Channel	single-channel
Test medium	compressed air or specified gas, 58psi~116psi
Tube caliber	gas inlet .31"DIA, test port .16"DIA
Interface	USB, RS232, RS485, 25 PIN I/O interface optional: RJ45 interface
Operation environment	temperature: 32°F~122°F, humidity: ≤95%RH, no condensation
Power supply	AC 110V, 60Hz
Dimensions (L×W×H)	13.4×8.9×7.4"
Weight	25.4lb

Pressure range

R1	0psi~87psi
R2	1psi~101psi
R3	-8psi~21psi
R4	-11psi~87psi
R5	-11psi~0psi
R6	1psi~145psi
R7	7psi~362psi

Test type

T1	quantitative test *
T2	non-quantitative test

Test pressure adjustment

F1	mechanical type
F2	electronic type **

Pressure switch

S1	high-low switch
S2	positive-negative switch
S3	no switch

* Built-in gas canister, supports indirect testing

** Not applicable for positive-negative switch function



scanner (optional)



standard leak (optional)



quick connector (optional)



tooling and fixture (optional)

STANDARD DELIVERY

Main unit

1pc

OPTIONAL ACCESSORY

Software	ALT-SW2
Scanner(with scan software)	ALT-P150-SC
Standard leak	customizable
Quick connector	customizable
Tooling and fixture	customizable