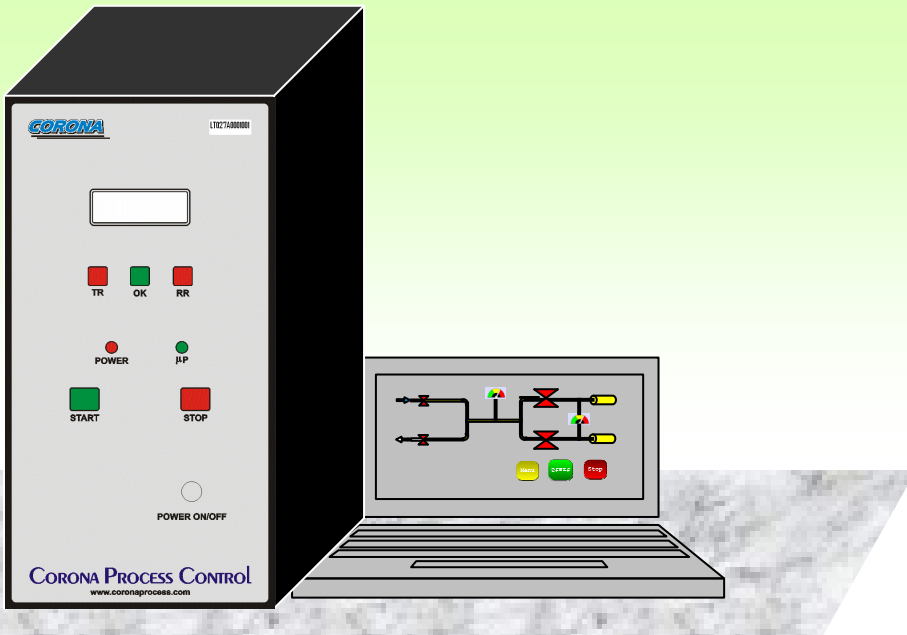


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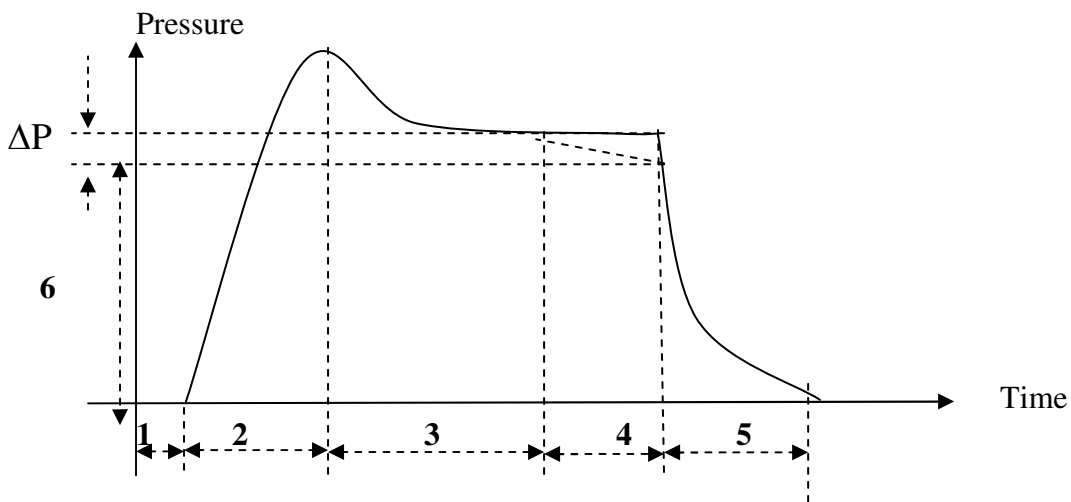
LT 027

Differential Pressure Decay Leak Tester



Measuring Principle

The Instrument is based on the principle of Differential Pressure Decay between two parts, a test part and a reference part with Automatic Measuring Cycle for manual and Automatic test Benches for Dry Air to Air Leak Testing.



- 1 Wait Time
- 2 Fill Time
- 3 Stabilizing Time
- 4 Testing Time
- 5 Releasing Time
- 6 Fill Pressure
- ΔP Pressure Drop

Technical Specifications

- ◆ **Leak Measurement by Differential Pressure Decay.**
- ◆ **Pressure Range : 0-7 bar**
 - **0.-10bar**
- ◆ **Unit Adjustable (Bar, Kpa, MPa, PSI)**
- ◆ **Leak range -500 to +500Pa**
 - 1000 to +1000Pa**
 - 5000 to +5000Pa**
- ◆ **Maximum Resolution 1 Pa**
- ◆ **Linearity <0.5% of full Scale**
- ◆ **Accuracy 0.5% of Measured Value +2digit.**

Main Features

- ◆ **User Friendly.**
- ◆ **Automatic Measuring Cycle.**
- ◆ **6 Inputs and 4 Outputs for PLC Communications.**
- ◆ **16 No's of different Cannels for different test cycles.**
- ◆ **Parameters are easily Programmable with the help of Monitor, Mouse, & Keyboard..**
- ◆ **Adjustable Test Pressure and Reject Level.**
- ◆ **Four Line LCD Display for Pressure, Leak Value and Test Results.**
- ◆ **Data Storage of test results for more than one lac cycles with the value of Test Pressure, Leak rate, Both units date & time of Testing.**
- ◆ **Ethernet Port to retrieve data.**

Applications:-

Automobile ABS brake circuit, Camshaft cap, Carburetor, Casting, Complete fuel circuit Diesel, Fuel pump, Hydraulic pump, Low pressure fuel circuit, Oil circuit, Oil filter, Thermal switch, Battery, Diesel injector, Fuel injector, Injection fuel circuit, Brake system, Engine combustion chamber, Spark plug, Piston

Appliances Coffee machine, Dish washer, Iron, Kettle, Light bulb, Refrigeration circuit, Vacuum cleaner, Ink cartridges, Cooker, Gas Mete, Heat exchanger for boilers, Regulator

Medical, Catheters, Condoms, Glass pharmaceutical bottle, Hydraulic connector, Plastic bag, Surgeon glove, Plastic pharmaceutical bottle, Pneumatic connectors, Spray can for pharmaceuticals, , Syringe, Dialysis equipment, Intravenous drip, flexible pipes, Plastic valve,

Packaging Aerosol pump, Fine spray generator, Aerosol valve, Plastic bag, Plastic bottle, Plastic cosmetic bottle, Spray can, Glass cosmetic bottle

CORONA Process Control

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