

Uson

Qualitek 626



The Qualitek 626 is a cost effective solution for leak testing a wide range of components using the differential pressure decay method.

The Qualitek 626 is an entry level differential pressure decay tester that is simple to operate and easy to integrate.

Differential Pressure Decay Measurement

The Qualitek 626 uses Uson's own highly sensitive and reliable differential pressure transducer to measure leak rate within a test component.

Easy to Use

The simple menu driven operation makes setting up and results interpretation straightforward, greatly reducing operator error.

Flexible

Up to 8 complete test programs can be stored at any one time.

Non-Subjective

Testing with the Qualitek 626 is non-subjective. Results and statistics can be displayed on the unit or downloaded to a printer.

Full Integration

The design of the Qualitek 626 makes it suitable as either a stand alone tester or as part of an integrated fully automatic test station.

Accessories Available Include:

- Multi-program unit
- Remote start/reset
- Printer
- Autocouplings
- Calibrated leak standards
- SPC software
- 24V DC Power supply
- Front calibration ports
- External vent valve
- Auto-Couple Port

Specifications

Model	Qualitek 626
Description	Air pressure decay for the manufacturing industry.

Leakrate Measurement

Sensor Type	Capacitive differential
Normal Mode	
Range	0.00±1.99 mbar (199 Pa)
Resolution	0.01 mbar (1 Pa)
Expanded Mode	
Range	0.0±19.9 mbar (1990 Pa)
Resolution	0.1 mbar (10 Pa)
Linearity	±1% range
Display Modes	dp or dp/dt

Test Pressure Measurement

Sensor Type	Solid state
Ranges	-950 mbar/-95 Kpa/-14 psig 1000 mbar/100 Kpa/15 psig 10 bar/1000 Kpa/150 psig
Linearity	±1%of gauge pressure range

Number of Programs

8

User Interface

Alphanumeric LCD
Start & reset buttons
Tactile programming keys
Pass/Reject lights

Communications

Serial Output

Supply Input

24 V DC

Air Supply

Clean, dry air, 4 – 15 bar
(60 – 225 psig)

Dimensions (h x w x d)

8.4 x 12 x 16.6 in
(213 x 306 x 320 mm)

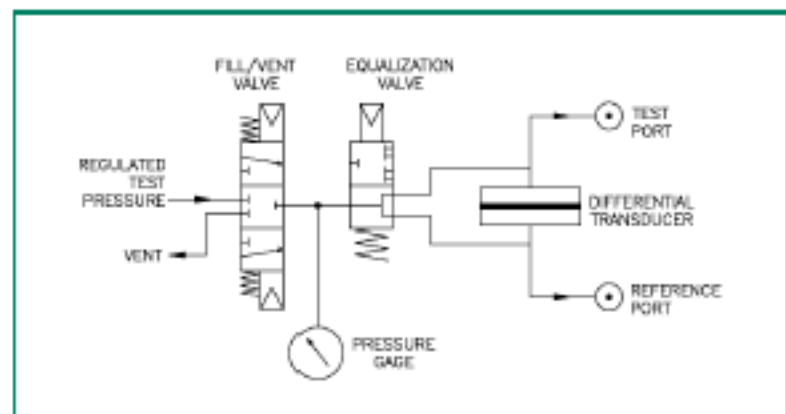
Weight

35 lbs (16 kg)

Manufacturing Standards

To ISO 9001:2000
Certified to CE requirements

Due to a program of continuous development, specifications may be changed without notice.



Differential Pressure Decay Test Circuit

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