

 **Qualitek 620**

The Qualitek 620 is the result of over 40 years experience in developing and producing leak test equipment for the manufacturing industries. Modular in design, the products can be configured for a variety of applications and for operation in different manufacturing environments.

The Qualitek 620 is a flexible and highly sensitive differential pressure decay tester capable of complex test sequences at home in industrial test systems and laboratory bench top environments.

Improved Testing with Uson

- Non-destructive, fast, clean and dry
- Highly sensitive, accurate and repeatable
- Traceable results
- Provides quantitative data for SPC analysis

Qualitek 620 A

- Automatic multi-pressure testing (Electronic Pressure Regulation)
- 32 test programs

The Qualitek 620 A keeps production lines running at high speed while still performing complex test sequences. It incorporates a highly sensitive differential pressure transducer, an electronically programmable pressure regulator, 32 linkable test programs, and in-built software for sealed component, sequence and pre-fill testing. All Qualitek 620 Test Panels can test for blockages in components or the test line.

Qualitek 620 M

- Manually set pressure regulation

Accessories

A comprehensive selection of accessories is available to create and install a particular test system of choice.

- Multi-program unit
- Calibrated leak standards
- Autocouplings
- Filter regulator
- Test port filter kit
- Remote start/reset
- Calibration kit
- I/O interface module
- External vent valve
- Printer

Specifications

Model	Qualitek 620 A, 620 M
Description	Air pressure decay for the manufacturing industry
Measurement Sensors	Differential pressure
Test Pressure Ranges	-950 mbar/-95 Kpa/-14 psig 70 mbar/7 Kpa/1 psig 500 mbar/50 Kpa/7 psig 4 bar/400 Kpa/60 psig 10 bar/1000 Kpa/145 psig 15 bar/1500 Kpa/218 psig
Minimum Test Pressure	2% [% full scale] (manual) 10% [% full scale] (automatic)
Measuring Ranges	0 ± 1.99 mbar (199 Pa) (0.03 psi) 0 ± 19.9 mbar (1990 Pa) (0.3 psi)
Display Modes	dp, dp/dt, flow
Differential Pressure Resolution	0.01 mbar/sec (1 Pa) (1.5 x 10 ⁻⁴ psi) 0.1 mbar/sec (10 Pa) (1.5 x 10 ⁻³ psi)
Repeatability	3%
Linearity	1% range
No of programs	32
User Interface	Full alphanumeric vacuum Fluorescent display Start and reset buttons Tactile programming keys Pass/Reject lamps
2-Way Communications Interface	Nine pin (D type) RS232 port
Statistical Pointers	Max, min, av pass, av fail
Electrical Supplies	90-260 V, 50-60 Hz
Air Supplies	Clean and dry 4-15 bar (60-225 psig) dependent on configuration
Pneumatic Connections	6 mm o.d.
Dimensions (h x w x d)	150 x 490 x 370 mm (6.0 x 19.5 x 14.5 in)
Weight	14 Kg (31 lbs) (net)
Manufacturing Standards	ISO 9001:2000 Certified to CE requirements

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

Uson LP

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