

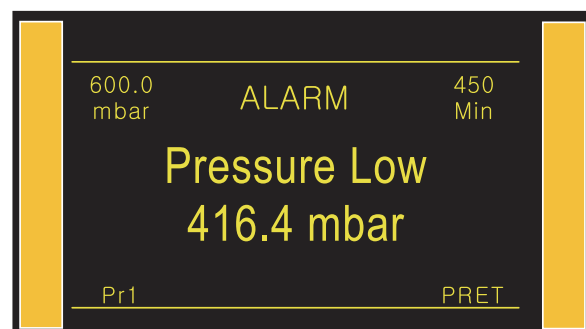
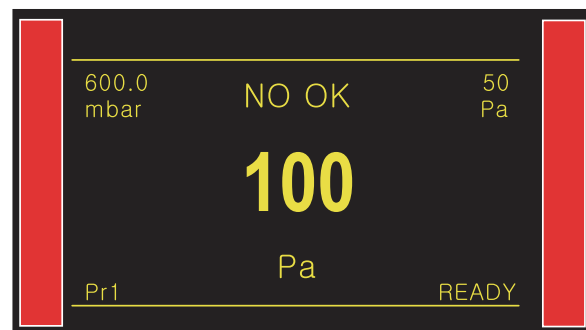
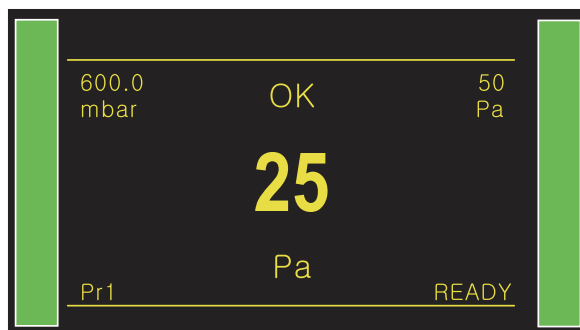
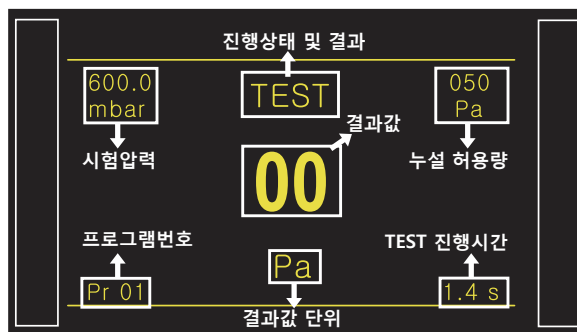


F620

**Compact leak detector
for production testing**



- ✓ **NEW COMPACT FORMAT**
- ✓ **OPTIMISED MEASUREMENT**
- ✓ **EASY SET-UP**
- ✓ **HIGH SPECIFICATIONS - COMPETITIVELY PRICED**



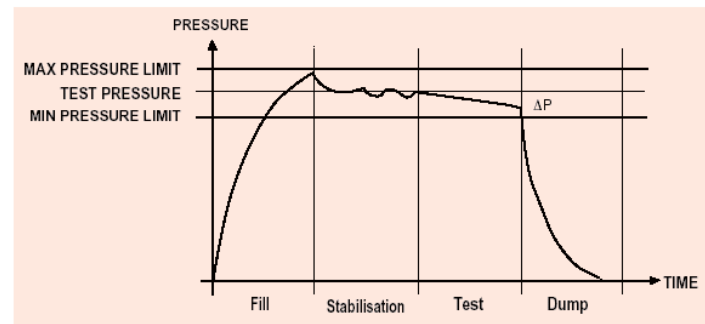
Measurement Ranges

TEST PRESSURE MEASUREMENT

RANGE	ACCURACY
P. E. = 75 mbar	$\pm(1.5\% \text{ of the pressure} + 0,2 \text{ hPa})$
P. E. < 0,3 bar	$\pm(1.5\% \text{ of the pressure} + 1 \text{ hPa})$
$0,3 \leq P. E. \leq 1 \text{ bar}$	$\pm(1.5\% \text{ of the pressure} + 3 \text{ hPa})$
$1 < P. E. \leq 5 \text{ bar}$	$\pm(1.5\% \text{ of the pressure} + 7.5 \text{ hPa})$
$5 < P. E. \leq 10 \text{ bar}$	$\pm(1.5\% \text{ of the pressure} + 15 \text{ hPa})$
$10 < P. E. \leq 20 \text{ bar}$	$\pm(1.5\% \text{ of the pressure} + 30 \text{ hPa})$

PRESSURE DROP MEASUREMENT

RANGE	ACCURACY	MAXIMUM RESOLUTION
0 - 50 Pa	$\pm(1.5\% \text{ Reading} + 0.5 \text{ Pa})$	0.01 Pa
0 - 500 Pa	$\pm(1\% \text{ Reading} + 1 \text{ Pa})$	0.1 Pa
0 - 5000 Pa	$\pm(1\% \text{ Reading} + 10 \text{ Pa})$	1 Pa



MECHANICAL PRESSURE REGULATOR
vacuum / 14kPa / 200kPa / 400kPa / 800kPa / 2.0MPa

ELECTRONICAL PRESSURE REGULATOR
vacuum / 20kPa / 50kPa / 100kPa / 200kPa /
500kPa / 900kPa / 1.0MPa / 2.0MPa

Main Features

- Differential pressure decay leak measurement
- Large ranges of leak measurement
(ΔP) F.S.: 50 Pa, 500 Pa or 5000 Pa
- 32 programs
- Set-up on-line (via USB port)
- 2 languages (English + other one)
- Manual calibration on front panel with calibrated leak
- **Environment :**
ROHS standard

- Test modes:
 - $\Rightarrow$ (Pa, 1÷10 Pa)
 - $\Rightarrow$ / t (Pa/s, 1÷10 Pa/s)
 - Flow units (mm³/s, cm³/s, cm³/min, cm³/h)
 - Blockage test
 - and others, depending on your applications

■ Flexible communication format:

RS232 : printer / Bar code reader
Slave USB: supervision
Master USB: USB key to transfert (parameters, results, curves, statistics...)
Ethernet: email alert/ Modbus IP
Option: profibus, devicenet

■ Applications:

Automotive: shock absorbers, gearboxes, tank caps, carburettors, non return valves, cylinder heads, filters, radiators, seals, cylinders, engine oil and water circuits...

Domestic appliances: bottles, percolators, cookers, steam irons, ovens, washing machines...

Medical: catheters, dialysis equipment, micropipettes, plastic taps, drain bags, syringes, valves...

Packaging: aerosol cans and valves, trigger pumps, ink cartridges, cosmetic bottles, food sachets...

Technical specifications

■ Physical

Weight: 4 Kg
Dimensions: (WxHxD)
250x136x367 mm

■ Interface

Graphic color screen with simple and intuitive menu-driven operator controls.

■ Electrical supply

90 - 260 V AC / 1.6 A

■ Air supply

Clean and dry air required
Air quality standard to be applied (ISO 8573-1)

■ Temperature

Operating: + 0°C to + 45°C
Storage: 0°C to + 60°C

■ Accessories:

Remote Control
Y valve
Ateq software (WinAteq)
Leak Flow calibrator
Connectors

■ Options:

7 inputs / 5 outputs
Electronic regulator
Dual pressure
Automatic calibration check
2 pneumatic outputs for control of sealing connectors
6 x 24 V programmable outputs for external automation



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