

E-PDQ

Leak detectors



User-friendly

Fast test setup, easy-to-read LED indicating test status

Compact

Small footprint, integrated expansion vessel

Efficient

Low operating costs, automated test circuit

Accessories

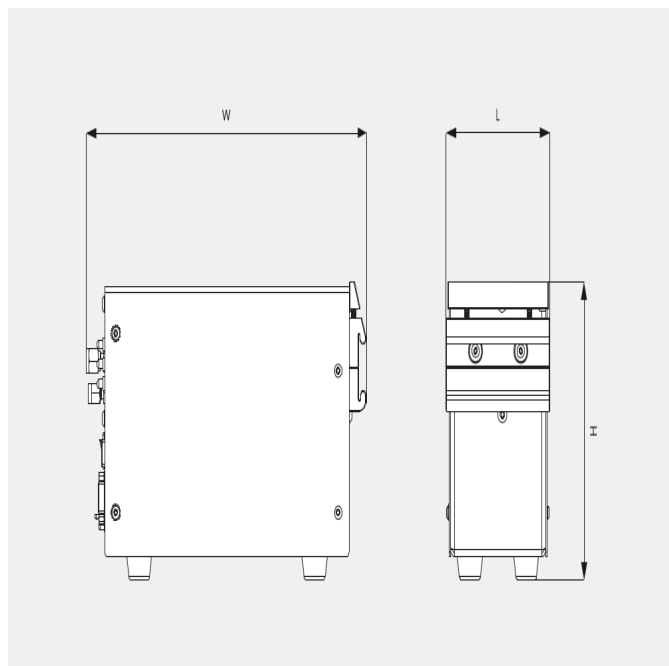
- LeakTek™
- Adaptive Test™ utility tools
- Leak Rx™
- Fine automatic pressure/flow control device
- Programmable automatic pressure controller for constriction/blockage tests with feedback sensor
- Expansion tank small/medium/large
- Precision pressure regulator small/medium/large volume, two-stage
- Verification orifice ECD, ED, ECS air calibration
- Glass orifice calibrated at barometric inlet, vacuum outlet on primary standard
- Remote exhaust valve with filter
- Pre-fill option for large volume parts

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Dimensional drawing



Pumping speed

The following technical values refer to ISO Hz

	E-PDQ EQ	E-PDQ MQ
Gases	air, nitrogen	air, nitrogen
Sensitivity	0.03 cc/min and higher	0.03 cc/min and higher
Pressure range () ()	1 - 4.5 bar abs..	0.138 - 1 bar abs.
Power supply	24 V DC	24 V DC
Operating temperature (°C)	15 - 45 °C	15 - 45 °C
Operating temperature (°F)	59 - 83 °F	59 - 83 °F
Humidity	30 - 80 %	30 - 80 %
User interface	RJ45 Ethernet, RS232 Serial Interface	RJ45 Ethernet, RS232 Serial Interface
Software	LeakTek, authentication local or domain (LDAP)	LeakTek, authentication local or domain (LDAP)
Operating system	Windows 10 remote laptop (no display)	Windows 10 remote laptop (no display)
Network connection	1x LAN (RJ45)	1x LAN (RJ45)
Interfaces	Wired Ethernet	Wired Ethernet

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	E-PDQ EQ	E-PDQ MQ
Weight approx.	3 kg	3 kg
Dimensions (L x W x H)	254 x 102 x 159 mm	254 x 102 x 159 mm
Pneumatic connections	Test port 1/8" Swagelok, air/vacuum supply 1/4" Swagelok	Test port 1/8" Swagelok, air/vacuum supply 1/4" Swagelok
Digital inputs	5 - 30 V DC, Opto-isolated for start, stop, test type, remote pressure switch	5 - 30 V DC, Opto-isolated for start, stop, test type, remote pressure switch
Digital outputs	5 - 30 V DC. Opto-isolated for pass, fail, test type, test on, clamp, custom output	5 - 30 V DC. Opto-isolated for pass, fail, test type, test on, clamp, custom output
Analog outputs	Single channel, 0 - 5 V DC pressure control	Single channel, 0 - 5 V DC pressure control