

E-PDQ

Leak detectors

PFEIFFER 
VACUUM+FAB SOLUTIONS

Part of the **BUSCH** GROUP



Compact

Small footprint, integrated expansion vessel

User-friendly

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

Efficient

Low operating costs, automated test circuit

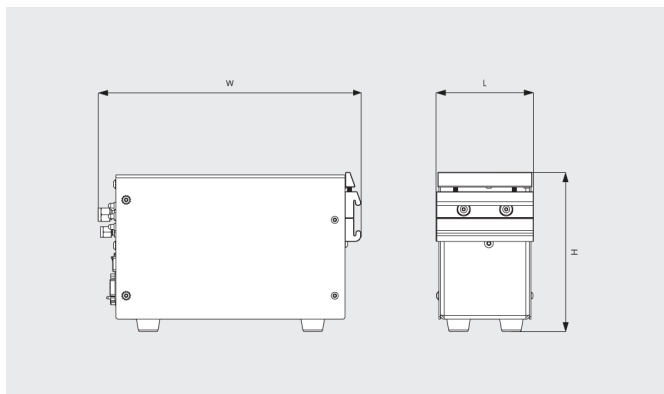
Accessories, spare parts and options

- 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

E-PDQ

Leak detectors

Dimensional drawing



	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	>14.5 - 65 psia / 1 - 4.5 bar abs..	2 - 14.5 psia / 0.138 - 1 bar abs.
Power supply	24 V DC	24 V DC
Operating temperature	59 - 83 °F / 15 - 45 °C	59 - 83 °F / 15 - 45 °C
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
Weight approx.	8 lbs / 3 kg	8 lbs / 3 kg
Dimensions (L x W x H)	10 x 4 x 6.25 inch / 254 x 102 x 159 mm	10 x 4 x 6.25 inch / 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

	E-PDQ EQ	E-PDQ MQ
Digital inputs / outputs	5 - 30 V DC, Opto-isolated for start, stop, test type, remote pressure switch / 5 - 30 V DC. Opto-isolated for pass, fail, test type, test on, clamp, custom output	5 - 30 V DC, Opto-isolated for start, stop, test type, remote pressure switch / 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

*depending on configuration

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



CONTACT FORM