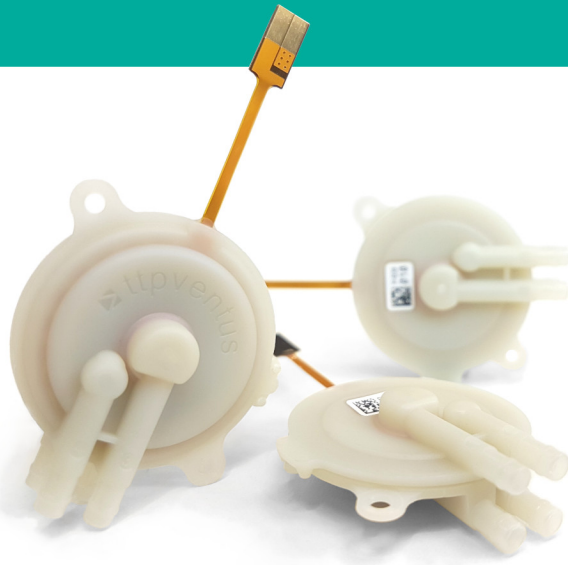


LT SERIES LT-S2-023 / LT-P2-024



Our LT Series has been optimised for long service life, delivering in excess of 5,000 hours continuous operation under the most demanding conditions.

Key Features

- Long service life
- Exceptional pressure and flow
- Silent, vibration-free operation
- Ultrafast millisecond response
- Lightweight, compact form
- High-precision controllability
- True pulsation-free flow
- Infinite turn-down ratio
- Maintenance free
- RoHS compliant

Typical Applications

- Blood pressure monitoring
- Capnography
- Compression therapy
- Point-of-Care diagnostics
- Microfluidics
- Liquid handling
- Gas detection and analysis
- Leak detection
- Inkjet pressure control

Model	Pressure	Flow	Vacuum
LT-S2-023 ^{1,2}	> 270 mbar	> 0.55 L/min	> 220 mbar
LT-P2-024 ^{1,2}	> 150 mbar	> 1.20 L/min	> 150 mbar

Operational

Temperature range	-25 to +40 C
Humidity range ³	0 to 95% RH
Pumping medium ⁴	Air
Noise level ⁵	< 10 dB
Control precision ⁶	< 0.1%
Turn-down ratio ⁷	Infinite

Mechanical

Size	29 dia. x 11 mm
Weight	5 g

TTP Ventus is actively developing higher performance R&D pump designs; if the performance listed above is not sufficient for your application, please contact us to discuss whether we have an alternative design that meets your requirements.

