



Diaphragm Pumps for Gases

The Boxer gas diaphragm pump portfolio extends from a free flow of 500 ml/min to 62 l/min across 18 platforms. Solutions and sub-assemblies are offered fully customised based on this range or developed completely new.



20K

- › Flow to 500 ml/min
- › Pressure to 700 mbar
- › Vacuum to -500 mbar
- › 12 mm width body
- › High efficiency low flow option



20KD

- › Flow to 800 ml/min
- › Pressure to 1500 mbar
- › Vacuum to -750 mbar
- › 12 mm width body
- › Series or parallel connection



22K

- › Flow to 1.4 l/min
- › Pressure to 550 mbar
- › Vacuum to -450 mbar
- › Wide range of configurations
- › Compact and versatile



1K

- › Flow to 1.8 l/min
- › Pressure to 500 mbar
- › Vacuum to -400 mbar
- › Outstanding size to flow ratio
- › Slow running / low sound



12KD

- › Flow to 2.0 l/min
- › Pressure to 900 mbar
- › Vacuum to -600 mbar
- › Exchangeable heads
- › Parallel or series connection



22KD

- › Flow to 2.6 l/min
- › Pressure to 450 mbar
- › Vacuum to -450 mbar
- › Minimal vibration through opposed heads
- › Extreme low sound at < 1 l/min speed



11K

- › Flow to 2.6 l/min
- › Pressure to 600 mbar
- › Vacuum to -500 mbar
- › 5 motor options
- › Compact and robust



8K

- › Flow to 2.8 l/min
- › Pressure to 125 mbar
- › Vacuum to -140 mbar
- › 5 year continuous run life
- › External flow adjustment

Diaphragm Pumps for Gases

Cont...



19K

- › Flow to 4.0 l/min
- › Pressure to 1.6 bar
- › Vacuum to -600 mbar
- › Integrated damping chambers
- › Encoder option for rpm feedback



5KS

- › Flow to 5.1 l/min
- › Pressure to 600 mbar
- › Vacuum to -500 mbar
- › Outstanding size-to-flow ratio
- › Ideally suited to air analysers



10KD

- › Flow to 6.0 l/min
- › Pressure to 2.1 bar
- › Vacuum to -700 mbar
- › Compact design
- › Parallel or series connection



5KD

- › Flow to 6.5 l/min
- › Pressure to 200 mbar
- › Vacuum to -200 mbar
- › Compact & low sound
- › External parallel head connection



3K

- › Flow to 8.5 l/min
- › Pressure to 2.0 bar
- › Vacuum to -740 mbar
- › Extremely compact
- › Versatile (double and quad versions)



3KD

- › Flow to 18.0 l/min
- › Pressure to 2.0 bar
- › Vacuum to -900 mbar
- › Extremely compact
- › Detachable heads



3KQ

- › Flow to 28.0 l/min
- › Pressure to 2.0 bar
- › Vacuum to -950 mbar
- › Extremely compact
- › Detachable heads



7KD

- › Flow to 32.0 l/min
- › Pressure to 600 mbar
- › Vacuum to -600 mbar
- › Integrated damping chambers
- › High temperature operation



28K

- › Flow to 18.0 l/min
- › Pressure to 2.0 bar
- › Vacuum to -850 mbar
- › High single stage vacuum



7KQ

- › Flow to 62.0 l/min
- › Pressure to 600 mbar
- › Vacuum to -850 mbar
- › Parallel or series connection
- › Extremely robust design

Peristaltic Pumps for Liquids

The Boxer peristaltic pump portfolio extends from a free flow of 2 µl/min to 3.4 l/min across 9 platforms. Solutions and sub-assemblies are offered fully customised based on this range or developed completely new. Additionally 3 table top dispensers are offered as complete plug-and-play systems.



6KP

- › Flow to 50 ml/min x 1 to 12 Channels
- › High precision dosing
- › Channel-to-channel calibration
- › Driver with optical rotor position sensor
- › Tubing cassettes



6K

- › Flow to 100 ml/min x 1 to 12 Channels
- › Extremely compact
- › DC / Gear and stepper motor options
- › Wide selection of tubes and sizes
- › Full range of stepper drivers



9QX

- › Flow to 200 ml/min
- › Flip-top tube change
- › Miniature / compact design
- › Floating saddle for enhanced tube life
- › Stepper or DC / gear with optional encoder



9QQ

- › Flow to 200 ml/min
- › Unique floating saddle
- › Miniature / compact design
- › Tube set or continuous tube
- › Stepper or DC / gear with optional encoder



9K

- › Flow to 200 ml/min
- › Cost effective
- › Miniature / compact design
- › Tube set or continuous tube
- › Stepper or DC / gear with optional encoder



15KS

- › Flow to 1000 ml/min
- › Versatile configurations
- › Flip-top for rapid tube exchange
- › Continuous tube
- › Clip-on head



15QQ

- › Flow to 1000 ml/min
- › Unique floating saddle
- › Flip-top for rapid tube exchange
- › Continuous tube
- › Clip-on head



25K

- › Flow to 2100 ml/min
- › Stepper motor drive
- › Flip-top for rapid tube exchange
- › Optical speed / position sensor
- › Lid closure and stall detection



4K

- › Flow to 3400 ml/min
- › Robust design
- › Continuous tube
- › Hinged lid
- › Versatile tube materials and sizes



Table Top Dispenser 9700

- › Adjustable flow to 180 ml/min
- › Complete dispenser kit
- › Includes tubing and power supply



Table Top Dispenser 9110

- › Adjustable flow to 50 or 85 ml/min
- › Complete dispenser kit
- › Includes tubing and power supply



Table Top Dispenser 9200

- › Adjustable flow to 360 ml/min
- › Complete dispenser kit
- › Includes tubing and power supply

Diaphragm Pumps for Liquids

The Boxer liquid diaphragm pump portfolio extends from a free flow of 150 ml/min to 4.0 l/min across 6 platforms. Solutions and sub-assemblies are offered fully customised based on this range or developed completely new.



16K

- › Flow to 150 ml/min
- › Pressure to 1.0 bar
- › Vacuum to -400 mbar
- › Inlet pulsation chamber
- › 4 motor options



19K

- › Flow to 0.8 l/min
- › Pressure to 2.0 bar
- › Vacuum to -700 mbar
- › Strong gas / liquid mixture performance
- › Integrated pulsation chamber



10KD

- › Flow to 1.0 l/min
- › Pressure to 2.0 bar
- › Vacuum to -750 mbar
- › Minimised pulsation through 2 heads
- › Encoder option for rpm feedback



3K

- › Flow to 1.5 l/min
- › Pressure to 2.0 bar
- › Vacuum to -800 mbar
- › Slow running motor
- › Robust and longlife



3MD

- › Flow to 2.5 l/min
- › Pressure to 1.6 bar
- › Vacuum to -700 mbar
- › Detachable heads
- › Compact and robust



3MQ

- › Flow to 4.0 l/min
- › Pressure to 1.1 bar
- › Vacuum to -550 mbar
- › Detachable heads
- › Compact and robust

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