



Diaphragm Pumps for Gases

The Boxer gas diaphragm pump portfolio extends from a free flow of 50 ml/m to 62.0 l/m across 18 platforms. Solutions and sub-assemblies are offered fully customised based on this range or indeed developed completely new.



- 20K**
- › Flow to 500 ml/m
 - › Pressure to 700 mbar
 - › Vacuum to -500 mbar
 - › Extremely compact (12 mm head)
 - › Ideally suited to portable instruments



- 12K**
- › Flow to 1.2 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -400 mbar
 - › Exchangeable heads / panel mounted
 - › Compact



- 1K**
- › Flow to 1.8 l/m
 - › Pressure to 500 mbar
 - › Vacuum to -400 mbar
 - › Outstanding size to flow ratio
 - › Slow running / low sound



- 2K**
- › Flow to 1.8 l/m
 - › Pressure to 500 mbar
 - › Vacuum to -300 mbar
 - › Minimised power consumption
 - › Low temperature operation



- 12KD**
- › Flow to 2.0 l/m
 - › Pressure to 900 mbar
 - › Vacuum to -600 mbar
 - › Exchangeable heads
 - › Parallel or series connection



- 11K**
- › Flow to 2.6 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -500 mbar
 - › 5 motor options (including BLDC - e)
 - › Compact and robust



- 8K**
- › Flow to 2.8 l/m
 - › Pressure to 125 mbar
 - › Vacuum to -140 mbar
 - › 5 year continuous run life
 - › External flow adjustment



- 10K**
- › Flow to 3.0 l/m
 - › Pressure to 800 mbar
 - › Vacuum to -500 mbar
 - › High temperature operation
 - › Encoder option for rpm feedback

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Cont...



- 2KD**
- › Flow to 3.7 l/m
 - › Pressure to 700 mbar
 - › Vacuum to -550 mbar
 - › Outstanding size to flow ratio
 - › Parallel or series connection



- 19K**
- › Flow to 4.0 l/m
 - › Pressure to 1.6 bar
 - › Vacuum to -600 mbar
 - › Integrated damping chambers
 - › Encoder option for rpm feedback



- 5K**
- › Flow to 6.0 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -400 mbar
 - › Integrated pulsation chambers
 - › High flow



- 10KD**
- › Flow to 6.0 l/m
 - › Pressure to 2.1 bar
 - › Vacuum to -700 mbar
 - › Compact design
 - › Parallel or series connection



- 3K**
- › Flow to 8.2 l/m
 - › Pressure to 2.2 bar
 - › Vacuum to -800 mbar
 - › Extremely compact
 - › Versatile (double and quad versions)



- 5KD**
- › Flow to 10.0 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -400 mbar
 - › Outstanding flow to size ratio
 - › Integrated pulsation chambers



- 3KD**
- › Flow to 16.0 l/m
 - › Pressure to 1.9 bar
 - › Vacuum to -800 mbar
 - › Extremely compact
 - › Detachable heads



- 3KQ**
- › Flow to 28.0 l/m
 - › Pressure to 1.3 bar
 - › Vacuum to -800 mbar
 - › Extremely compact
 - › Detachable heads



- 7KQ**
- › Flow to 62.0 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -850 mbar
 - › Parallel or series connection
 - › Extremely robust design



- 7KD**
- › Flow to 32.0 l/m
 - › Pressure to 600 mbar
 - › Vacuum to -600 mbar
 - › Integrated damping chambers
 - › High temperature operation

Diaphragm Pumps for Liquids

The Boxer liquid diaphragm pump portfolio extends from a free flow of 150 ml/m to 4.6 l/m across 6 platforms. Solutions and sub-assemblies are offered fully customised based on this range or indeed developed completely new.



- 16K**
- › Flow to 150 ml/m
 - › Pressure to 2.0 bar
 - › Vacuum to -400 mbar
 - › Inlet pulsation chamber
 - › 4 motor options (including BLDC - e)



- 19K**
- › Flow to 0.8 l/m
 - › Pressure to 2.0 bar
 - › Vacuum to -700 mbar
 - › Strong gas / liquid mixture performance
 - › Integrated pulsation chamber



- 10KD**
- › Flow to 1.0 l/m
 - › 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/m
 - › Pressure to 1.1 bar
 - › Vacuum -600 mbar
 - › Slow running motor
 - › Robust and longlife



- 3MD**
- › Flow to 2.5 l/m
 - › Pressure to 2.2 bar
 - › Vacuum to -800 mbar
 - › Detachable heads
 - › Compact and robust



- 3MQ**
- › Flow to 4.6 l/m
 - › Pressure to 2.2 bar
 - › Vacuum to -800 mbar
 - › Detachable heads
 - › Compact and robust

Peristaltic Pumps for Liquids

The Boxer peristaltic pump portfolio extends from a flow of 2 µl/m to 3.5 l/m across 7 platforms. Solutions and sub-assemblies are offered fully customised based on this range or indeed developed completely new. Additionally 4 table top dispensers are offered as complete plug-and-play systems.



- 6KP**
- › Flow to 50 ml/m 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/m x 1 to 12 Channels
 - › Extremely compact
 - › DC and stepper motor options
 - › Wide selection of tubes and sizes
 - › Full range of stepper drivers



- 9K**
- › Flow to 200 ml/m
 - › Cost effective
 - › Miniature / compact design
 - › Tube set or continuous tube
 - › Stepper or DC / gear with optional encoder



- 9QQ**
- › Flow to 200 ml/m
 - › Unique floating saddle
 - › Miniature / compact design
 - › Tube set or continuous tube
 - › Stepper or DC / gear with optional encoder



- 15KS**
- › Flow to 900 ml/m
 - › Versatile configurations
 - › Flip-top tube exchange
 - › Continuous tube
 - › Clip-on head
 - › DC / Gear, stepper or syncro drive



- 15QQ**
- › Flow to 900 ml/m
 - › Unique floating saddle
 - › Flip-top tube exchange
 - › Continuous tube
 - › Clip-on head
 - › DC / Gear, stepper or syncro drive



- 4K**
- › Flow to 3500 ml/m
 - › Robust design
 - › Continuous tube
 - › Hinged lid
 - › Supports versatile tube materials and sizes
 - › DC / Gear motor



- Table Top Dispensers**
- › 9700
 - › 9100
 - › 9200
 - › 6600

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