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

**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

**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

**20K**
- Flow to 500 ml/min
- Pressure to 700 mbar
- Vacuum to -500 mbar
- 12 mm width body
- High efficiency low flow option

**22K**
- Flow to 2.6 l/min
- Pressure to 450 mbar
- Vacuum to -500 mbar
- 5 motor options
- Compact and robust

**11K**
- Flow to 2.6 l/min
- Pressure to 600 mbar
- Vacuum to -500 mbar
- 5 year continuous run life
- External flow adjustment

**8K**
- Flow to 2.8 l/min
- Pressure to 125 mbar
- Vacuum to -140 mbar

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Diaphragm Pumps for Gases

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

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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

15KS
› Flow to 1000 ml/min
› Versatile configurations
› Flip-top for rapid tube exchange
› Continuous tube
› Clip-on head

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

15QQ
› Flow to 200 ml/min
› Unique floating saddle
› Miniature / compact design
› Tube set or continuous tube
› Stepper or DC / gear with optional encoder

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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