

Vacuum Pumps for Life Science

A range of vacuum pumps precisely tuned to your laboratory applications such as filtration, degassing, desiccation, sampling and aspiration



Fisherbrand oil-free piston and diaphragm pumps are ideal for a variety of applications such as filtration of low volumes, degassing, gas transfer and sampling.

The areas of use are: water and waste analysis, food, beverages, pharmaceutical QC, environmental analysis and quality control.

Piston Pump Cat. No. 11533485

Ideal for the basic filtration of non-aggressive solvents.

Design Features:

- Lightweight, compact and portable
- Covers most standard applications
- Economically priced but with high performance
- Quick and simple to use due to stylish design



Technical Features

Cat No.	11533485	12911151
Pumping speed @ 50/60Hz	9.2 L/min	15 L/min
Ultimate pressure	< 292 mbar	< 100 mbar
Max. overpressure	2.3 bar	2.3 bar
IN / EX hose connector	Hose nozzle DN 6	Hose nozzle DN 6, silencer
Sound level @ 50Hz	< 45 dB(A)w	< 45 dB(A)
Motor power	max. 25 W	20 W
Type of protection (motor)	IP 48	IP 44
Weight	2.3 kg	2.0 kg
Overall dimensions (LxWxH)	194x114x191 mm	144x127x196 mm
Ship weight	2.7 kg	3.5 kg
Shipping carton dimensions (LxWxH)	280x180x210 mm	230x170x275 mm
Type	230 V, 50 Hz	90-260 V, 50/60Hz

Diaphragm Pump Cat. No. 12911151

Oil-free dry pump helping you to simplify your filtration and sampling procedure.

Design Features:

- Light chemical resistance
- Compact, lightweight and portable
- Quiet operation and very low vibration
- Use in the lab or in the field (with optional adapter)



Accessories

Cat No.	Description
13168266	Vacuum regulator with dial gauge for pump 12911151
13504920	Filtration kit & dessicator kit with vacuum hose and In-line filter



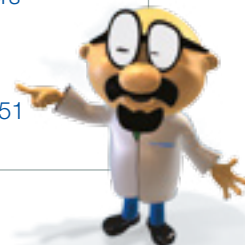
Vacuum regulator
Cat. No. 13168266



Filtration kit & dessicator kit
Cat. No. 13504920

Dr. Blue says...

Stop using water jet pumps or aspirators and polluting water. Replace with a Fisherbrand vacuum pump. For a convenient filtration process where you always have the right vacuum, 12911151 is the perfect choice.



Systems for liquid aspiration and disposing of liquids in biochemistry, microbiology and cellular culture technology.

Compact Station



Cat. No. 11532763

Aspiration Advantage System



Cat. No. 15348191

Aspiration Basic System



Cat. No. 15567479

The Fisherbrand Aspiration Systems and Compact Station are compact and portable units used for the safe and precise aspiration of biological and medical liquids. The Aspiration Systems are suitable for non-flammable chemicals as well.

Applications:

- Aspiration of liquids and fluids
- Cell culture aspiration
- Disposal of biological and medical fluids
- Rinsing of sample cultures

Features	Compact Station	Aspiration Advantage System	Aspiration Basic System
Receiver	1.2 L	4 L	4 L
Hydrophobic filter for bacteria and viruses	Yes	Yes	Yes
Automatic flow-stop	Yes	Yes	Yes
Rapid action coupling hose connectors with automatic isolation valves	No	Yes	Yes
Vacuum regulator and built-in gauge	Yes	Yes	No
Pipettor handvac Advantage Set	No	Yes	No
Illuminated bottle for easy level monitoring	No	Yes	Yes

Technical Features

Cat No.	11532763	15348191	15567479
Free air displacement	9.2 L/min	15 L/min	
Ultimate pressure	< 292 mbar	< 100 mbar	
Intake connection	Hose and hose connector	Handvac Advantage set	Hose with rapid action coupling and hose connector
Exhaust connection	DN6	DN8	
Maximum medium temperature	+40°C		
Sound level	<45 dB (A)		
Overall dimensions (LxWxH)	280x210x255 mm	395x199x390 mm	
Weight	2.6 kg	7.2 kg	7.0 kg

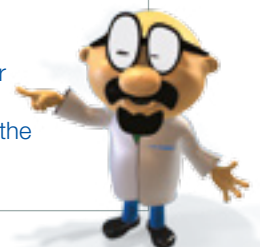
Accessories

Cat No.	Description
10700854	Handvac basic set
15572620	Handvac duo
15451934	Stand for handvac
10412163	8-channel SS adapter
10591443	On/off foot switch
12967914	Inline filter (hydrophobic), 1 piece
15461934	Replacement receiver bottle for Aspiration Systems
10523543	Replacement receiver bottle for Compact Station

Dr. Blue says...

Hazardous substances in the gases to be pumped can cause personal injuries and property damage.

Pay attention to the warning notices for handling hazardous substances and test the strength and leak-tightness of the connecting lines and the connected apparatus.



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