



LIQUID SUCTION VACUUM PUMP

LIQUID SUCTION VACUUM PUMP

The liquid suction filtration vacuum pump series is mainly used for separation of culture fluid and culture tissue after biochemical culture, extraction of cell culture waste liquid, and suction of various waste liquids in the laboratory. Different flow specifications are available to meet more experimental needs, and it is the best experimental assistant indispensable for the laboratory aseptic workstation.

Used in Separation of culture fluid, Culture tissue, Biochemical culture, Extraction of cell culture waste liquid, Laboratory, Research, Medical..

Also known as Laboratory Liquid Suction Vacuum Pump.

100 LIQUID SUCTION VACUUM PUMP



Pumping filter brackets are equipped on both sides of the instrument, easy to store and select the suction filter accessories

Standard equipped with multi-function suction filter handle and 5 kinds of suction head accessories to meet more requirements of suction experiments

Sealed waste liquid bottle cap design, quick-insertion sealing joint, convenient to get out of the fuselage bottle and clean up waste liquid

Normally open control mode and foot switch control mode, to meet more experimental requirements

Waste liquid bottle, suction filter fittings and dish filter can all be used for autoclave sterilization

There is a liquid level protection switch in the waste liquid bottle to prevent the waste liquid from overflowing and being sucked into the pump chamber to ensure no troubles in suction filtration

There is a PTFE dish shape filter between the bottle and the pump to protect the environment from harmful gas pollution

The self-locking quick connector can be quickly and easily separated from the pipeline, which is convenient for safely cleaning the waste bottle

Built-in high quality oil-free vacuum pump, no maintenance, low noise and long life

SPECIFICATIONS

Model	BVAP-101	BVAP-102	BVAP-103
Max. Flow rate	26 L/min	35 L/min	42 L/min
Vacuum degree	-0.08 Mpa		
Vacuum display mode	Vacuum gauge		
Negative pressure adjustment range	0~-0.08 Mpa		
Waste liquid bottle capacity	2500 mL		
Foot switch	Yes		
Voltage	AC220 V/AC110 V 50/60 Hz		
Power	60 W	140 W	180 W
Fuse	250 V 1 A, ϕ 5X20		
Dimension (WxDxH)	248x475x350 mm		
Net weight	7.8 kgs	9.2 kgs	

ACCESSORIES

Accessory Code	Name	Material	Quantity
5900606006	Hand-held operator	POM	1

5900606007	Eight-channel retractable tip plastic extraction head	POM	1
5900606008	Eight channel stainless steel extraction head	POM+SUS304	1
5900606009	Single channel plastic extraction head	POM	1
5900606010	Single channel retractable tip plastic head	POM	1
5900606011	Single channel stainless steel extraction head	POM+SUS304	1
5900606012	Foot switch	Al	1



BVAP-101



BVAP-102



BVAP-103

300 VACCUM PUMP



Low noise, high efficiency

Two-stage vacuum pump control technology with lower noise, higher vacuum, higher pumping efficiency, for BV series

The vacuum drying time is around 2-4 mins.

Clean and reliable

Double anti-return oil structure to more reliably protect the vacuum system from oil pollution after shutdown

It adopts imported German oil seal and seals with fluororubber material to improve corrosion resistance and prevent oil leakage

Adopting the aviation technology bushing treatment process, the life of the exhaust valve piece reaches 10 billion times

It adopts high-quality materials such as vacuum pump oil imported from Japan, which makes the operation more reliable and has a longer service life

SPECIFICATIONS

Model	BVAP-301	BVAP-302	BVAP-303	BVAP-304
Ultimate partial pressure gas ballast close	5x10 - 2 Pa		4x10 - 2 Pa	
Ultimate total pressure gas ballast close	5x10 - 1 Pa		4x10 - 1 Pa	
Ultimate total pressure gas ballast open	10 Pa		8x10 - 1 Pa	
Power supply	Single/Three-Ph			
Power rating	0.4/0.37 kW		0.55 kW	0.75 kW
Level of protection	IP44			
Intake and exhaust	KF 16/25		KF 25	KF 25/40
Oil capacity	0.6 - 1.0 L		0.9 - 1.5 L	1.3 - 2.0 L
Motor speed (50/60Hz)	1440 /1720 rpm			
Ambient temperature	10 - 40 °C			
Noise level (50Hz)	≤52 dB		≤58 dB	
Weight	19 kg		30 Kg	35 Kg
Dimension(WxDxH)	440x144x217 mm		530x188x272 mm	567x188x272 mm
Flow of Vacuum pump	-	2 L/S	4 L/S	6 L/S



BVAP-301



BVAP-302



BVAP-303



BVAP-304



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com