

## Vacuum Aspiration Systems



Sensitive level sensor to prevent liquid overflow



Self-closing connectors to avoid escape of drops or aerosols from disconnected bottle



Stand for transferring the bottle securely and holding the hand operator

### Introduction:

SafeVac is designed for laboratory waste recovery and separation of liquid and solid. It can be widely used in cell culture, DNA extraction, microplate waste removal, and any other liquid separation or recovery.

### Features:

- \* Vacuum power with adjustable aspiration rate to achieve up to 15mL/S
- \* Sensitive level sensor to detect when the bottle is full preventing liquid overflow
- \* Fully autoclavable all system components that contact liquid
- \* Easy to disassemble and clean
- \* Wide range of adapters fit on the hand operator for aspirating liquids from tubes, dishes, microplates, bottles, from single channel to 8-channel tip
- \* Hydrophobic filter for avoiding air contamination or liquid overflow (this feature is in the catalogue but it is not on website)



Wide range of adapters fit well with tube, microplate and disk plate for various of tasks, all of which can be fully autoclaved ( At 121°C 1 bar for 20 minutes. After autoclaving the equipment must be cooled down before use ).

### Adapter:

	A	8-channel tip detrusion adapter 200µl tip
	B	8-channel needle φ1.5mm
	C	Single needle φ2.5mm, 40mm
	D	Single needle φ2.5mm, 120mm
	E	Single needle φ1.5mm, 40mm
	F	Single needle φ1.5mm, 120mm
	G	Tip detrusion adapter 200ul tip
	H	Tip detrusion adapter 1ml tip
	I	SAFEVAC handle bracket
	J	Handle hoop (vacuum aspirator)

### Technical Parameters:

Model	SAFEVAC
Cat No.	7035100000
Bottle Volume	4L
Vacuum Range	0~600mbar
Max. Flow	15L/min(air)
Max. Aspiration Speed	17mL/s( Liquid )
Autoclave Component	Tube, waste bottle, operation handle
Noise Level	≤55dB
Power Supply	100~240VAC, 50/60 Hz
Dimension(W*D*H)	180*240*450mm
Package Size(W*D*H)	570*420*220mm
Weight	3kg
Gross Weight	4.12kg