



**BSU-34-LF 30 / BSU-34-LF 32, Vacuum Filtration System**

**Features:**

- **compact and safe operation**  
BSU-34 is a unique suction system by combining vacuum source with filtration ware. Its compact design can save more bench space than other traditional models. With a fence-like platform design, it can prevent user's negligence from tipping over the suction bottle.
- **The patented spin-lock design**  
The filter holder and waste bottle use a patented spin-lock connection giving a fast and stable installation without clamp.
- **Overflow protection**  
Waste bottle built in spill-proof buoy to keep the filtrate from overflowing when waste bottle is full.
- **PES plastic injection** (Polyethersulfone)  
Waste bottle is made of PES which are autoclavable, shatterproof and high temperature (180°C) resistance and steam autoclavable.

**Applications:**

- Filtration for microbiology test
- Suspended solid test
- Vacuum filtration.

Model	BSU-34-LF 30		BSU-34-LF 32	
<b>Voltage</b>	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
<b>Max. power (W)</b>	100	80	100	80
<b>Max. current (A)</b>	1.0	0.4	1.0	0.4
<b>Max. vacuum</b>	720 mmHg (95.9 kPa) (53.3 mbar)			
<b>Max. flow rate</b>	37 l/min	34 l/min	37 l/min	34 l/min
<b>Motor rotation</b>	1750 RPM	1450 RPM	1750 RPM	1450 RPM
<b>Port thread</b>	8mm			
<b>Fitting part</b>	Material			
<b>Filter funnel</b>	PES (300ml, 47mm/50mm)		SUS316 (100ml,47mm/50mm)	
<b>Waste bottle</b>	PES (1200ml)			
<b>Funnel support base</b>	PP (Containing PTFE syringe filter, 25mm, 0.2µm)		SUS316	
<b>Funnel lid</b>	PP		-	
<b>Spill-proof buoy</b>	Yes			