

4 L & 2 L Vacuum aspiration system



MAIN UNIT



VWR® 4 L Vacuum aspiration system (181-0658)



VWR® 2 L Vacuum aspiration system (181-0659)

4 L & 2 L VACUUM ASPIRATOR

The VWR® Vacuum aspiration system is a compact unit equipped with vacuum pump for aspiration of liquid waste.

- Vacuum power can be set to different levels to achieve 1 ml/s to 17 ml/s aspirating speeds
- Sensitive level sensor (4 L) to prevent liquid overflow during operation
- Replaceable hydrophobic filter prevents aerosol and liquid contamination
- Wide range of adapters fit well with tube, microplate, and disk plate for various of tasks, all of which can be fully autoclaved.
- The 4 L model is equipped quick couplings and the 2 L model with barbed fitting cap.
- Ideal for aspiration of supernatants

Ordering information: The 4 L (181-0658) and 2 L (181-0659) vacuum aspiration system are delivered with all standard accessories. Optional accessory for 4 L: Non-contact liquid level sensor (181-0660)

Specification

Cat. No.	181-0658	181-0659
Bottle capacity	4 liters	2 liters
Mains voltage	100 – 240 VAC, 50/60 Hz, 0.5 A	
Unit voltage	24V DC, 1A, Center-positive	
Vacuum range	0 to 600 mbar (adjustable)	
Pumping speed	15 L/min (air)	
Aspiration rate	17 ml/s	
Noise	55 dB +/- 5 dB at a distance of 1 meter	
Size (H x W x D)	180x240x450 mm (7.09 x 9.45 x 17.72 in)	180x240x340 mm (7.09 x 9.45 x 13.39 in)
Weight	3.0 kg (6.6 lbs.)	2.8 kg (6.2 lbs.)
Relative humidity	10 to 90% (no condensation)	
Environment	Indoor use only	
Operating temperature	10 to 40° C (50 to 104° F)	

STANDARD ACCESSORIES



8-channel tip adapter 200 µl



8-channel needle



Single needle Φ 2.5 mm, 40 mm



Single needle Φ 1.5 mm, 120 mm



Tip detrusion adapter 200 µl tip



Tip detrusion adapter 1 ml tip



Hand Operator



4 L Bottle (included in 4 L version)



2 L Bottle (included in 2 L Version)



Optional accessory for 4 L Vacuum aspiration system
VWR® Non-contact liquid level sensor (181-0660)

Setting science in motion to create a better world



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