

Elevate Your Automation Experience

Andrew+ Pod

Where cutting-edge technology meets unparalleled convenience.



Andrew+ Pod

Filtration add-ons

One solution. Multiple configurations. Tailored benefits.

Benefit from a hassle-free bench top solution that delivers effective sample or user protection while elevating your automation experience.



Protect your samples



Dust cover

Fully enclosed or with onboard air ventilation



Vertical Laminar Flow (VLF) with HEPA filtration

- 99.995% of particles removed
- Airflow speed of 0.20 m/s

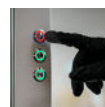
or



Protect yourself

Safety interlock

Prevents unwanted access to the workbench



Recirculatory Filtration Fume Cabinet (RFFC) with ABEK filtration

- Effective removal of harmful gases
- Can be positioned anywhere in the lab



Clutter-free workspace

Space-efficient cable management system for a tidy and safe automation workspace.



Easy, 3-step installation

Install the Andrew+ Pod & chosen filter, connect the Andrew+ Robot.



Compact, benchtop

Full workbench of 11 consumable holders and devices. Minimal footprint.



Efficient sample or user protection

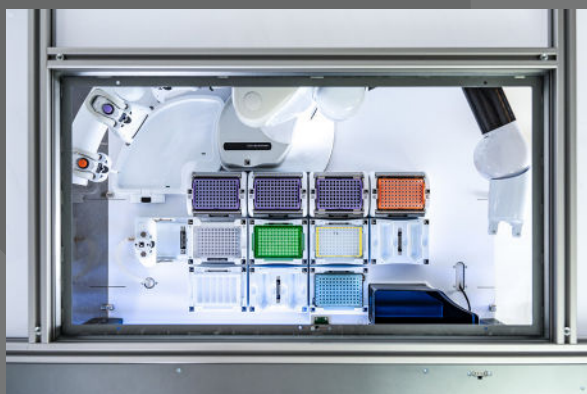
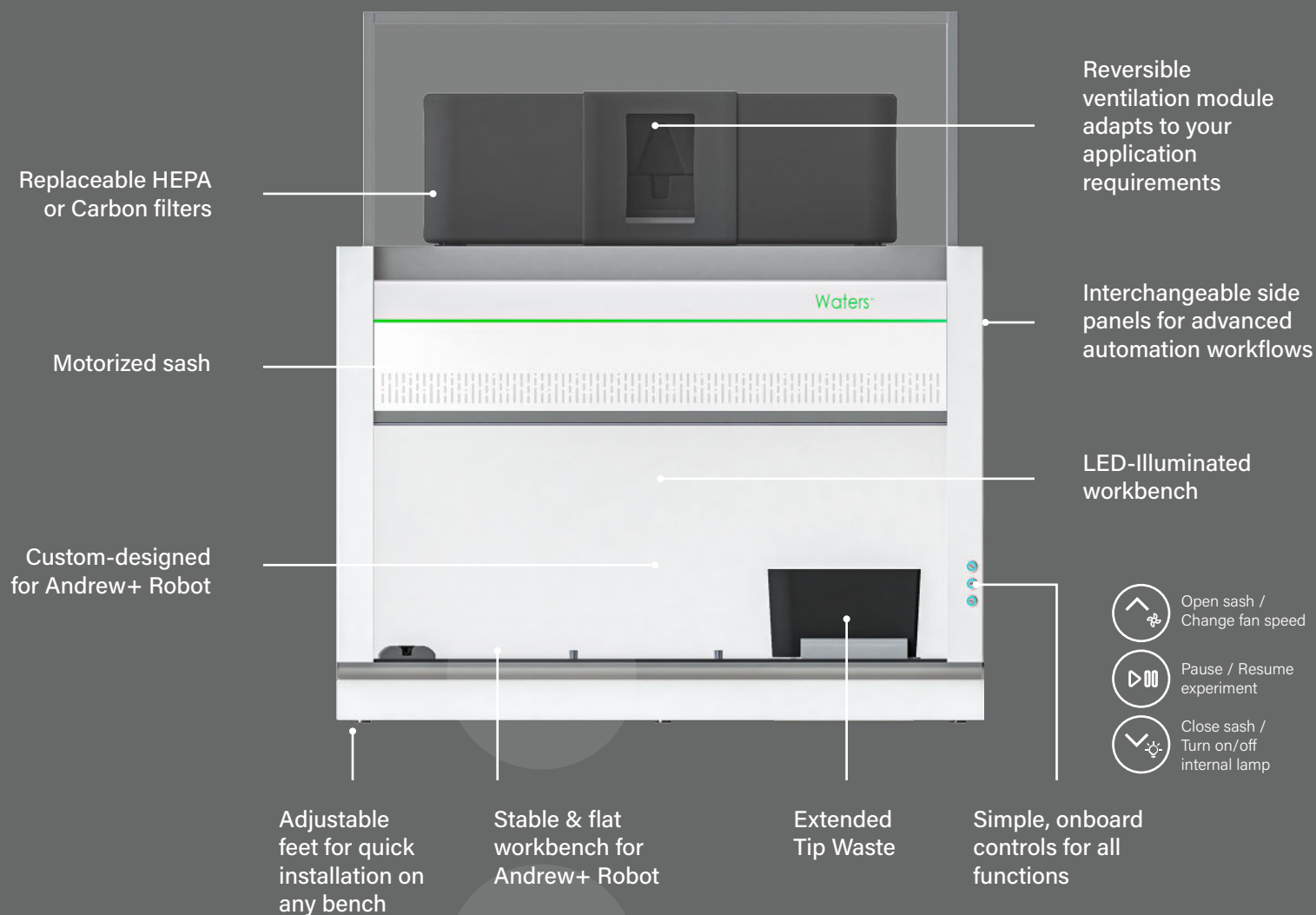
Ventilation conditions optimized and validated by a 3rd Party for all configurations.



Improved traceability

Monitor and log environmental parameters like temperature and VOC levels directly through OneLab™.

Andrew+ Pod Feature Summary



No compromises.

Andrew+ Pod enables a full automation deck - on any standard bench.



End to end workflows. Simplified.

Maintain an enclosed automation environment while expanding functionality.

Technical Specifications

Warranty	1 Year
Fan noise level (at max speed of 2000 rpm)	56 dB(A) at 1 m
Minimal Benchtop Dimensions Required (cm)	106 (width) x 57 (depth)
Dimensions (cm) W x D x H	112 x 81 x 82.8 (max height of 139.8 w/ sash open)
Weight of Andrew+ Pod	44 Kg
Weight of Onboard Ventilation System	5.8 Kg
External Power Supply Input Characteristics	Power Supply Voltage Range: 85–264 VAC AC current: 1.85 A/115 VAC 1.0A/230 VAC Frequency: 47–63 Hz
Operating Temperature	+4° to +37°C
Operating Humidity	Maximum relative humidity of 80% for temperatures up to 31°C
Interface	CAN bus directly connected to waste Domino of Andrew+ Robot
Degree of Protection	IP 20

Vertical Laminar Flow w/ HEPA Filtration	
HEPA - H14 Filter Efficiency	Removes 99.995% of particles $\geq 0.3 \mu\text{m}$
Average Airflow speed (Vertical Laminar Flow)	0.20 m/s
Filter Lifetime (HEPA)	1–3 years depending on usage
ISO 14644-1 Rating	ISO Class 5

Harmful Gas Removal w/ ABEK Filter	
Enclosure Classification	Recirculatory Filtration Fume Cabinet (RFFC)
ISO standard	ISO 14175-3
Containment Performance	CP2, 3rd-Party tested by SKAN AG

Ordering Information

Configuration	Primary Functions	Components	What's in the Box	Part Numbers	Bundle Part Number
Andrew+ Pod	Compact, bench top enclosure with: - Optimized cable management - Hardware interlock for user and method safety - Dust protection - Interchangeable side-panel access - Deeper, more accessible tip waste		Andrew+ Pod (no waste)	186011428	176005998
			Tip Waste for Pod & Bench Hub	186011366	
			Tip Waste Holder	186011367	
Andrew+ Pod w/ Onboard Ventilation Module	All Andrew+ Pod functions + Active temperature management for heat-sensitive experiments	 +  +  + 	Andrew+ Pod	176005998	176006021
			Ventilation System & Cover	186011429	
			Pre-Filter Module	186011431	
Andrew+ Pod Vertical Laminar Flow Enclosure w/ HEPA Filter	All Andrew+ Pod functions + HEPA Filtration with Vertical Laminar Flow	 +  +  + 	Andrew+ Pod	176005998	176006022
			Ventilation System & Cover	186011429	
			HEPA H14 Filter	186011433	
Andrew+ Pod Recirculatory Filtration Fume Cabinet w/ ABEK Filter	All Andrew+ Pod functions + Onboard (ductless) harmful gas removal that can be positioned anywhere	 +  +  + 	Andrew+ Pod	176005998	176006023
			Ventilation System & Cover	186011429	
			ABEK Filter	186011435	
Andrew+ Pod w/ External Duct Adaptor Module	All Andrew+ Pod functions + Enables physical connectivity to existing lab air filtration infrastructure	 +  + 	Andrew+ Pod	176005998	176006020
			Duct Adaptor	186011432	
			Pre-Filter Module	186011431	

Additional Parts

HEPA H14 Filter	186011433
ABEK Filter	186011435
Pre-Filter Replacement	186011434
Automation Portal+ Side Panel	186011436
Plate Sealer+ Side Panel	186011437

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