

WHITE LINE • DRY RECOVERY • MOBILE ON WHEELS

Tiger-Vac AS-10 HEPA

Robust and quiet mobile vacuum with HEPA H14 filtration for daily GMP cleaning in pharmaceutical production and life science. Ready to use straight from the box — all filters and accessories included.

- HEPA H14 — 99.995 % at 0.3 µm, aerosol tested before delivery
- 3-stage filtration: microfilter bag + cloth filter + HEPA H14
- 9.5 kg — manoeuvrable on a 4-wheel dolly
- 62 dB(A) — low noise for use in production areas
- Thru-Flow motor — all exhaust air filtered through HEPA
- Complete accessories kit included — ready to use
- Stainless steel tank available as option



Tiger-Vac AS-10 HEPA mobile vacuum with HEPA H14 filtration for pharma and life science

HEPA H14 — EN 1822 / IEST-RP-CC001 · Aerosol tested before delivery · CE — Machinery Directive 2006/42/EC · EN 60335-2-69 — Class H · GMP compatible

Quick facts	
Filter class	HEPA H14
Efficiency	99.995 % at MPPS
Power	1 kW / 240 V
Air flow	161 m³/h
Noise	62 dB(A)
Weight	9.5 kg
Bag capacity	9.5 L
Tank capacity	15.1 L
Recovery	Dry only
Mobility	4-wheel dolly

What is the Tiger-Vac AS-10 HEPA?

The AS-10 HEPA is a freestanding, mobile vacuum from Tiger-Vac, designed for daily GMP cleaning in pharmaceutical production, laboratories and other life science environments. Mounted on a 4-wheel dolly, it is easy to move around production floors, corridors and laboratories. At 9.5 kg it is light enough to be pushed by one person and robust enough for intensive daily use.

The filtration system consists of three stages: a synthetic microfilter bag that captures coarser particles and allows dust-free bag changes, a primary cloth filter, and a HEPA H14 final filter with an efficiency of 99.995 % at 0.3 µm (MPPS). The HEPA filter is tested to IEST-RP-CC001 and classified H14 by the MPPS method in accordance with EN 1822. Each vacuum unit is aerosol tested before leaving the factory — a test that verifies not only the HEPA filter in isolation but the entire airflow path including all gaskets and joints.

The Thru-Flow motor ensures that all air — including cooling air — passes through the HEPA filter before returning to the room. The design provides easy access to the HEPA filter for replacement while maintaining a tight seal during operation. The noise level of 62 dB(A) is low for a mobile vacuum in this power class.

Important use restriction: The AS-10 HEPA is designed exclusively for the recovery of dry particles and dust. The unit must not be used for liquids or wet material, as the motor is not protected against moisture. Contact us if your facility requires combined wet and dry recovery.

Technical specifications

Parameter	Value
Filter class	HEPA H14 (EN 1822 / IEST-RP-CC001)
Filter efficiency	99.995 % at 0.3 µm (MPPS)
Filtration	3-stage: microfilter bag + cloth filter + HEPA H14
Motor type	Thru-Flow
Power	1 kW (1,032 W)
Supply	240 V, 50 Hz, single phase, 4.3 A
Air flow	161 m³/h
Vacuum pressure	2,440 mm H ₂ O
Noise level	62 dB(A)
Suction inlet	Ø38 mm
Bag capacity	9.5 L (synthetic microfilter bag)
Tank capacity	15.1 L
Cord length	10 m
Dimensions	H 58 × W 41 × D 41 cm
Weight (without accessories)	9.5 kg
Recovery type	Dry only
Mobility	Mobile — 4-wheel dolly
Tank	Standard plastic (stainless steel SAE 430 as option)

CE marking based on: EN 60335-2-69 • EN 1822 • IEST-RP-CC001 • Machinery Directive 2006/42/EC • Low Voltage Directive 2014/35/EU • EMC Directive 2014/30/EU

Included accessories

The AS-10 HEPA is delivered complete with all necessary filters and a full accessories kit for daily cleaning of floors, surfaces, machinery and equipment.



HEPA H14 filter for Tiger-Vac AS-10 HEPA, part no. 212303

HEPA H14 filter

Part no. 212303 • Included



Complete accessories kit for Tiger-Vac AS-10 HEPA — hose, wands and nozzles

Complete accessories kit

Hose, wands, nozzles • Included



Beater-Bar floor nozzle for Tiger-Vac AS-10 HEPA — optional

Beater-Bar floor nozzle

Optional — not included

Filter bag and filtration

The collection bag (part no. 212500, synthetic, pack of 5) is a 9.5 L microfilter bag that closes tightly when removed, so collected material is not dispersed during bag changes. The cloth filter (part no. 212502) sits between the bag and the HEPA filter, capturing particles that may pass through the bag and significantly extending HEPA filter service life. Polyethylene liners (part no. 212371M, 61 × 61 cm) are available as an alternative collection system placed directly in the tank.

CONTACT

Particulair — Life Science Hub

Nordic specialist in industrial vacuum for pharma & life science

Højtoften 12, 2690 Karlslunde, Denmark

Tel: +45 70 23 12 03 · sales@particulair.com · particulair.eu/life-science/