

WHITE LINE • CLEAN ROOM • DRY RECOVERY ONLY

Tiger-Vac CD-1501 CR (STD)

WHITE LINE

Cleanroom-compatible vacuum with TEFC motor for continuous 24/7 operation. ISO Class 4. HEPA H14 and ULPA U15 optional. Single-phase and three-phase versions. Standard filter bag (STD) system. White powder coat or optional stainless steel.

- TEFC motor — continuous 24/7 operation without service interruptions
- ISO Class 4 compatible — designed for cleanrooms and pharmaceutical environments
- HEPA H14 and ULPA U15 optional — 99.995% and 99.999% filtration
- 28.4 L collection tank with 15 L standard filter bag
- Single-phase (230V) and three-phase (400V) — same performance
- High-purity recovery — ideal for tablet recovery in pharma



Tiger-Vac CD-1501 CR (STD) cleanroom vacuum with TEFC motor

HEPA H14 — 99.995% at 0.3 micron (optional) · ULPA U15 — 99.999% at 0.12 micron (optional) · ISO Class 4 — cleanroom compatible · CE — Machinery Directive 2006/42/EC

Quick facts	
Motor Type	TEFC continuous
Operation	Continuous 24/7
Power	1.7 kW
Air Flow	238 m ₃ /h
Suction	2820 mmH ₂ O
Noise	64 dB(A)
Tank	28.4 L
Filter	STD 15 L disposable
ISO Class	Class 4
Weight	51.5 kg
Carriage	4 wheels (CB)

What is Tiger-Vac CD-1501 CR (STD) WHITE LINE?

Tiger-Vac CD-1501 CR (STD) WHITE LINE is a cleanroom-compatible vacuum designed for pharmaceutical, medical, and food industries. With a TEFC motor (Fully Enclosed Fan Cooled), it runs uninterrupted 24/7 without maintenance or brush wear. The Standard filter (STD) system uses disposable filter bags of 15 L, making maintenance simple: discard and replace without calibration.

The machine meets ISO Class 4 requirements and can be equipped with HEPA H14 filter (99.995% at 0.3 micron) or ULPA U15 filter (99.999% at 0.12 micron) for even cleaner exhaust. It is supplied in white powder coat construction and can be upgraded to full stainless steel (AISI 304) or mixed white/stainless for chemical-resistant environments. The Carriage Base trolley with 4 wheels makes it easy to move between work areas or production lines.

High-purity recovery for pharmaceutical industry: Tiger-Vac CD-1501 CR is ideal for tablet recovery from production lines or tablet presses. It protects valuable products while ensuring efficient collection in an open environment.

Technical specifications

Parameter	Three-Phase (400V)	Single-Phase (230V)
Voltage / Frequency	400 V, 50 Hz	230 V, 50 Hz
Power / Current	1.7 kW / 3 A	1.7 kW / 9 A
Max Air Flow	238 m ₃ /h	
Max Suction	2820 mmH ₂ O	
Noise Level (EN ISO 3744)	64 dB(A)	
Motor Type	TEFC — continuous duty	
Operation	Continuous 24/7	
Suction Inlet	Ø50 mm	
Collection Tank	28.4 L	
Standard Filter Bag (STD)	15 L	
Standard Filter Type	Standard filter bag — disposable bag	
HEPA H14 (optional)	99.995% at 0.3 micron	
ULPA U15 (optional)	99.999% at 0.12 micron	
ISO Class Compliance	ISO Class 4 cleanroom compatible	
Dimensions (H x W x L)	109 x 50 x 34 cm	
Weight	51.5 kg	
Cord Length	10 m	
Carriage	Carriage Base (CB) with 4 wheels	
Construction	White powder coat — optional full or half stainless steel	
Vertical Mounting	Possible for space constraints	
Recovery	Dry recovery only	

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

Options and configurations

Tiger-Vac CD-1501 CR (STD) can be customized to specific environmental and production requirements. Choose from these options:

- **HEPA H14 filter** — 99.995% filtration at 0.3 micron for classified cleanrooms
- **ULPA U15 filter** — 99.999% filtration at 0.12 micron for ultra-clean exhaust
- **Full stainless steel (AISI 304)** — entire machine in AISI 304 for chemical-resistant environments
- **Half stainless steel / half white powder coat** — mixed construction as needed
- **Vertical mounting** — reduction of floor space with vertical placement
- **Suction arm as option** — flexible collection directly from production lines
- **Disposable filter bags** — replacement bags (15 L) as consumables

- **Poly liner recovery bags** — clear polyethylene inserts for easy collection

Accessories

Selection of authorized accessories improves functionality and flexibility:



Dust extraction arm white



HEPA H14 filter 99.995% at 0.3 micron



Clear polyethylene recovery bags



Disposable filter bag 15 L for Tiger-Vac CD-1501



Tools and Accessories Toolkit

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/