

Tiger-Vac CR-1200D

Pharma cleanroom dry vacuum in electropolished AISI 316 stainless steel. ULPA U15 + HEPA H14 dual filtration system. ISO Class 4 compatible, autoclavable and ESD safe - with individual aerosol leak test from factory.

Brand: Tiger-Vac | Manufacturer: Tiger-Vac International Inc.

Key features

- ULPA U15 exhaust filter: 99.999 % at 0.12 µm - tested to IEST-RP-CC001
- Upstream HEPA H14 protects the motor and extends ULPA filter service life
- Motor top and tank in AISI 316 - electropolished surface eliminates microscopic contamination traps
- Tank and white nylon wheels autoclavable up to 121 °C
- Filter blockage indicator - LED light warns when collection bag is full
- Complete unit aerosol leak tested before shipment from factory

Certification

ULPA U15 - EN 1822 / IEST-RP-CC001
HEPA H14 - EN 1822
ISO Class 4 (ISO 14644-1)
CE - Machinery Directive 2006/42/EC
CE - Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU

Specifications

Exhaust filter class	ULPA U15 (EN 1822 / IEST-RP-CC001)
ULPA filter efficiency	99.999 % at 0.12 µm ; 99.9995 % at 0.18 µm (MPPS)
Primary filter (motor protection)	HEPA H14 - 99.995 % at 0.3 µm (EN 1822)
Collection filter	Synthetic disposable bag (9.5 L) ; Class M (IEC 60335-2-69)
Cleanroom compatibility	ISO Class 4 (ISO 14644-1 ; FED STD 209E Class 10)
Filter indicator	LED indicator for full collection bag
Motor type	Thru-Flow
Power	1 kW / 1000 W
Voltage	240 V, 50 Hz, single phase
Current	4.6 A
Air flow	204 m ³ /h
Vacuum pressure	2,410 mmH ₂ O
Sound level	70 dB(A)
Suction inlet	Ø38 mm
Recovery tank	9.8 L - stainless steel AISI 316
Disposable bag capacity	9.5 L (synthetic, white)
Wheel system	4-wheel dolly - autoclavable white nylon wheels
Static resistance	< 10 ohm (static dissipating)
Dimensions	H 71 x W 38 x L 41 cm
Weight (vacuum only)	16 kg
Cord length	10.6 m
Recovery type	Dry only
Autoclavable	Tank + white nylon wheels up to 121 °C

Material - motor top and tank	Stainless steel AISI 316, electropolished
Cable holder	Included - stainless steel