

Tiger-Vac CR-1300D

High-performance cleanroom vacuum in electropolished AISI 316 stainless steel with dual ULPA U15 exhaust filtration. ISO Class 4 compatible. Autoclavable tank and wheels. ESD safe. 194 m³/h. 28 kg.

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

Key features

- Dual ULPA U15 filters (EN 1822) - one at working air exhaust, one at cooling air exhaust
- ULPA filtration efficiency 99.999 % at 0.12 µm - tested to IEST-RP-CC001
- Full AISI 316 construction with electropolished finish - filter housing and collection tank
- Tank and white nylon wheels autoclavable up to 121 °C
- Filter blockage indicator - LED alerts when collection bag is full
- Every unit aerosol leak tested as a complete assembly before leaving the factory

Certification

2 x ULPA U15 - EN 1822 / IEST-RP-CC001
ISO Class 4 (ISO 14644-1)
Class M (IEC 60335-2-69)
CE - Machinery Directive 2006/42/EC
CE - Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU

Specifications

Exhaust filters	2 x ULPA U15 (EN 1822 / IEST-RP-CC001) - working air and cooling air
ULPA filtration efficiency	99.999 % at 0.12 µm ; 99.9995 % at 0.18 µm (MPPS)
ULPA filter area	20,253 cm ²
Primary filtration	Synthetic disposable filter bag (19 L, Class M) + polyester cloth filter (3,480 cm ²)
Cleanroom compatibility	ISO Class 4 (ISO 14644-1 ; FED STD 209E Class 10)
Filter indicator	LED indicator for full collection bag
Motor type	2-stage bypass
Power	1.2 kW / 1200 W
Voltage	240 V, 50 Hz, single phase
Current draw	5 A
Airflow	194 m ³ /h
Vacuum	2,504 mmH ₂ O
Sound level	65/75 dB(A)
Inlet diameter	38 mm
Tank (total)	38 L - stainless steel AISI 316
Bag capacity	19 L (synthetic, 8,217 cm ²)
Wheel system	4-wheel dolly - autoclavable white nylon wheels (121 °C)
Static resistance	< 10 ohm (static dissipating)
Dimensions	H 80 x W 53 x D 61 cm
Weight (without accessories)	28 kg
Cable length	10.6 m
Recovery type	Dry only
Autoclavable	Tank + wheels up to 121 °C

Material - filter housing and tank

Stainless steel AISI 316, electropolished