

Tiger-Vac CR-1300WD

New generation cleanroom system for wet and dry recovery in electropolished AISI 316 stainless steel - ISO Class 4 compatible with dual ULPA U15 filtration and autoclavable liquid cut-off.

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

Key features

- Wet and dry recovery - autoclavable stainless steel float (liquid cut-off)
- Dual ULPA U15 filters (EN 1822 / IEST-RP-CC001) at working air and cooling air exhausts
- ISO Class 4 compatible (ISO 14644-1 / FED STD 209E Class 10)
- Electropolished AISI 316 - tank and wheels autoclavable to 121 °C
- 2-stage bypass motor - 194 m³/h - 2,504 mmH₂O
- Individually aerosol-leak tested 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
GMP compatible

Specifications

Recovery type	Wet and dry (combination)
Power	1,200 W / 1.2 kW
Voltage	240 V, 50 Hz, single phase
Current	5 A
Airflow	194 m ³ /h
Vacuum pressure	2,504 mmH ₂ O
Sound level	65/75 dB(A)
Motor type	2-stage bypass
Suction inlet	Ø38 mm
Recovery tank	38 L - AISI 316 stainless steel
Disposable filter bag (dry)	19 L - synthetic (Class M, IEC 60335-2-69)
Liquid recovery capacity	38 L
Float (liquid cut-off)	Stainless steel, autoclavable, detachable (part 212710)
Exhaust filter rating	ULPA U15 (EN 1822 / IEST-RP-CC001)
Filter efficiency	99.999 % at 0.12 µm - 99.9995 % at 0.18 µm
Cleanroom class	ISO Class 4 (ISO 14644-1)
Surface finish	Electropolished
Static resistance	< 10 ohm
Autoclavable	Tank + wheels + float up to 121 °C
Wheel system	4-wheel cart (white nylon wheels)
Dimensions (HxWxL)	80 x 53 x 61 cm
Weight (without accessories)	28 kg

Cord length	10.6 m
ULPA filter surface area	20,253 cm ²
Cloth filter surface area	3,480 cm ²