

ATEX-10A (IT-40L) CFE HEPA

Pneumatic wet mix immersion vacuum with ATEX II 2GD certification for combustible metal powder from 3D printing. Venturi drive enables continuous 24/7 operation without motor wear. Zone 1 gas and Zone 21 dust. Just 68 dB(A).

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

Key features

- ATEX II 2GD - Zone 1 gas ; Zone 21 dust (external)
- Pneumatic venturi drive - no motor, no wear, continuous 24/7
- Water immersion (wet mix) - combustible powder neutralised in immersion bath
- CFE coalescing HEPA filter - 99.97 % at 0.3 µm
- Only 68 dB(A) - quietest model in the range
- AISI 304 ; 187 m³/h ; 2,790 mmH₂O
- EN 17348 WT ; EN ISO 80079-36:2016 ; NFPA 484

ATEX / certification

ATEX II 2GD - Zone 1 gas / Zone 21 dust
LCIE 16 AR 077 (Annex VIII)
EN 17348:2022 WT
CFE HEPA - 99.97 % at 0.3 µm
NFPA 484

Specifications

ATEX marking	II 2GD Ex h IIC T6 Gb / Ex h IIIC T85°C Db
ATEX zone	Zone 1 gas (external) ; Zone 21 dust (external)
ATEX certificate	LCIE 16 AR 077 (Annex VIII, NB 0081)
Drive type	Pneumatic - single venturi
Minimum compressor	15 HP
Air line size	1/2" (12.7 mm)
Input air volume	16.5-21.2 L/s
Input air pressure	5.5 bar (factory set)
Air flow	187 m ³ /h
Vacuum pressure	2,790 mmH ₂ O
Suction inlet	Ø38 mm (1.5" camlock)
Filter	CFE coalescing HEPA - 99.97 % at 0.3 µm
Water capacity (container)	12.3 L (3.25 gal)
Recovery bag	Conductive wet recovery bag - 3 L (0.8 gal) - included
Container	AISI 304 stainless steel
Dimensions	48 x 46 x 86 cm (H)
Sound level	68 dB(A)
Pressure regulator	Included - 0-10 bar, factory set 5.5 bar
Standards	EN 17348:2022 WT ; EN ISO 80079-36:2016 ; EN ISO 80079-37:2016 ; EN 1127-1:2019 ; NFPA 484