

ATEX-10A (40L) HEPA - W/3D Tool Kit

Pneumatic (air-operated) ATEX vacuum for plastic powder from 3D printing - mini series

Brand: Tiger-Vac | Manufacturer: Tiger-Vac International Inc. | Item: 113115

Key features

- Pneumatic (air-operated) - runs continuously without overheating or wear
- Static-dissipating and conductive (less than 10 ohms); ESD-safe accessories included
- Ideal for medical / dental 3D printer cleaning and maintenance
- Pressure regulator included, adjustable 0-10 bar, factory set at 5.5 bar
- Low noise level - only 68 dB(A); complete static-dissipative 3D tool kit included

ATEX / certification

ATEX marking	II 2GD
Gas / dust	Ex h IIC T6 Gb; Ex h IIIC T85°C Db
Certification	3rd party (LCIE, NB 0081); ATEX 2014/34/EU
Harmonised standard	EN 17348:2022 (combustible dust)
Operating temperature	-4°C to +37°C (Ta)

Specifications

Filter class	HEPA H14 (EN 1822-1) - 99.99 % at 0.3 µm
Operating principle	Pneumatic - single Venturi
Air flow	187 m ³ /h
Vacuum pressure	2790 mmH ₂ O
Sound level	68 dB(A)
Working pressure (input)	5.5 bar (factory set)
Air line size	1/2" / Ø 12.7 mm
Input air volume	16.5-21.2 L/s
Minimum compressor	15 HP
Suction inlet	Ø 38 mm (hose) / Ø 60 mm (conductive inlet)
Cart type	4-wheel dolly
Dimensions (H x W x L)	86 x 46 x 48 cm
Tank and body	Stainless steel AISI 304
ESD-safe	Yes - less than 10 ohms; conductive accessories included
Operation	Continuous
Recovery type	Dry only

3D Tool Kit contents

Tool kit configured for the 60 mm conductive suction inlet.

Included:

- Static-conductive crushproof suction hose, 1.5" (38 mm) x 3 m, for 60 mm conductive inlet
- Round brush, ESD-safe plastic, for 1.5" (38 mm) hose
- Crevice tool, 1.5" (38 mm) x 20 cm, conductive rubber with aluminium tube
- Conical nozzle with curved tip, 25 cm, conductive rubber

Optional:

- Double-bend wand (2-piece), 1.5" (38 mm) x 137 cm, chrome
- Utility floor tool, 38 mm x 30 cm, static-conductive plastic with conductive bristles