

C-10 EX (4W) - W/3D Tool Kit (EU)

ATEX dust vacuum with Zone 20 internal tank protection for 3D printing and combustible dust

Brand: Tiger-Vac | Manufacturer: Tiger-Vac International Inc. | Item: 111805B-3D

Key features

- ATEX Category II 1/3D - Zone 20 inside the collection tank, Zone 22 external
- Heavy-duty 2-stage bypass motor; longer-life brushless (BLSD) motor available
- 4 individually factory-tested HEPA H14 filters
- Static-dissipating, conductive build; complete 3D tool kit included
- Filter blockage indicator light shows when the recovery bag is full

ATEX / certification

ATEX marking	II 1/3D
External	Ex h tc IIIC T200°C Dc IP6X (T85°C for BLSD version)
Internal (tank)	Ex h IIIC T200°C Da (T85°C for BLSD version)
Zones	Zone 22 external (Cat. 3D); Zone 20 internal tank (Cat. 1D)
Certification	LCIE 15 ATEX 3061; IECEx LCIE 15.0048; 3rd party (LCIE, NB 0081)
Harmonised standard	EN 17348:2022 (combustible dust)
Operating temperature	-5°C to +37°C (Ta)

Specifications

Filter class	HEPA H14 (EN 1822) - 99.99 % at 0.3 µm
HEPA filters	4 - individually factory tested
Primary filter	Conductive cloth filter with cage (SD)
Motor type	Bypass, 2-stage heavy duty (BLSD optional)
Power	1.2 kW / 1200 W (BLSD: 1.1 kW / 1100 W)
Voltage	220-240 V, 50/60 Hz, single phase
Current	5 A (BLSD: 8 A)
Air flow	194 m ³ /h (BLSD: 216 m ³ /h)
Vacuum pressure	2504 mmH ₂ O (BLSD: 2250 mmH ₂ O)
Sound level	72 dB(A)
Suction inlet	Ø 60 mm
Collection bag capacity	19 L (conductive disposable bag - included)
Cart type	4-wheel dolly
Dimensions (H x W x L)	93 x 43 x 43 cm
Weight (vacuum only)	24 kg (27 kg with SAE 304 tank)
Cord length	10.6 m
Tank material	Stainless steel SAE 430 (SAE 304 optional)
ESD-safe	Yes - conductive accessories included
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