



ATEX 3rd Party Certified  
 CE 0081 II 2 GD  
 Ex d IIA T3 Gb  
 Ex t IIIC T200°C Db IP6X  
**LCIE 03 ATEX 6297**



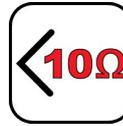
**GUARANTEED** for the Safe Recovery of Combustible/Conductive Dusts

**ESD Safe** Vacuum Cleaners for Hazardous Locations are designed to prevent ignition hazards. We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)

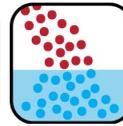
### Characteristics



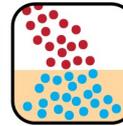
EX Certified



Less than 10 ohms



Wet Mix - Water



Wet Mix - Oil



Dry Recovery



HEPA - Included



High Efficiency



SS 304



Coalescing Filter Element



SD Accessories - Included



- Designed for the recovery and INERTIZATION of combustible dust into a Liquid Immersion Bath
- Mini Enhanced Immersion Separator - Wet Mix - Can be used with either water or oil. When using water, you can recover material into the conductive "wet" recovery bag or directly into the recovery tank. When using oil, you must recover into the conductive "wet" recovery bag only
- Legally certified explosion proof/dust ignition proof.
- Precipitating Dust - complies with NFPA 484 method
- Coalescing Filter Element (CFE) for moisture removal. HEPA Grade. 99.97% efficiency on 0.3 microns
- Electrically Operated
- Recovery tank made of stainless steel type 304
- Recovery capacity: 3.25 gallons (12.3) liters of liquid is required in the recovery tank. The conductive "wet" recovery bag has a recovery capacity of 4.5 liters. 1.5 gallons (5.5 liters) of powder can be recovered directly in the tank if the conductive recovery bag is not used
- Degassing Vent allows gas to be evacuated automatically from the unit
- Equipped with a Liquid Level Indicator.
- Includes a complete static dissipative tool kit

## Specifications

EXP1-10 (IT-40L) EX DT (CFE) HEPA W/3D TOOL KIT	113153B-3D
Model Name	EXP1-10 (IT-40L) EX DT (CFE) HEPA W/3D TOOL KIT
Type (Powerhead)	Electric
TEFC Motor	Yes
Voltage	230 V
Hertz	50 Hz
Phase	Single
Wattage	1000 W
Power	1 kW
Amperage	4.5 amps.
Air Flow	224 m <sup>3</sup> /h
Vacuum Pressure	1550 mm H <sub>2</sub> O
Sound Level	78/85 dB(A)
Plug Type	Not Included
Suction Inlet	38 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	Liquid Immersion Bath
Cord Length	15 m

Please note that specifications are subject to change without notice

## Use only recommended tools & accessories



Coalescing HEPA filter (Upstream) - Included



3D Toolkit - Included



Optional 3D Tools



Mini Enhanced - Rear View



Mini Enhanced - Side View with detachable tank



Mist Arrester Pack - Included



Conductive "wet" recovery bag - Included



Cone assembly and detachable recovery tank with liquid level indicator and drain valve - Included

...The name to vacuum with

### European Headquarters

**Tiger-Vac Europa S.R.L.**  
Via Marie Curie 17  
Zona Industriale Ponte Rizzoli  
Ozzano Emilia, BO 40064

Tel: ((39) 051 79.53.52)  
Fax: ((39) 051 4695077)  
Website: <http://www.tiger-vac.eu>  
Email: [info@tiger-vac.it](mailto:info@tiger-vac.it)

### International Headquarters

**Tiger-Vac International Inc.**  
2020 Dagenais Blvd. Ouest  
Laval, Quebec  
Canada H7L 5W2

Tel: (450-625-0099)  
Fax: (450-625-3388)  
Website: <http://www.tiger-vac.com>  
Email: [sales@tiger-vac.com](mailto:sales@tiger-vac.com)



**ATEX 3rd Party Certified**  
CE 0081 II 2 GD  
Ex d IIA T3 Gb  
Ex t IIIC T200°C Db IP6X  
**LCIE 03 ATEX 6297**

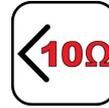
**ESD Safe** Vacuum Cleaners for Hazardous Locations are designed to prevent ignition hazards.  
We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



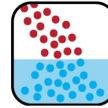
**GUARANTEED** for the Safe Recovery of Combustible/Conductive Dusts



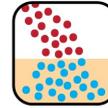
EX Certified



Less than 10 ohms



Wet Mix - Water



Wet Mix - Oil



Dry Recovery



HEPA - Included



High Efficiency



SS 304



Coalescing Filter Element



SD Accessories - Included

## Specifications for EXP1-10 (IT-40L) EX DT (CFE) HEPA W/3D TOOL KIT

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type
EXP1-10 (IT-40L) EX DT (CFE) HEPA W/3D TOOL KIT	113153B-3D	230 V	50 Hz	Single	1000 W	1 kW	4.5 amps.	224 m <sup>3</sup> /h	1550 mm H <sub>2</sub> O	Not Included
Sound Level: 78/85 dB(A)										

Please note that specifications are subject to change without notice

## Technical Sheet for EXP1-10 (IT-40L) EX DT (CFE) HEPA W/3D TOOL KIT

### COALESCING FILTER ELEMENT - Included

Part #	Description
215792A-HEPA	REPLACEMENT COALESCING FILTER ELEMENT, HEPA GRADE, 4.75" HIGH, w/NITRILE GASKET #219259-04

### MIST ARESTOR PACK - Included

Part #	Description
218282	MIST ARRESTOR SCREENS, MADE OF ALUMINUM MESH, FOR IT-40L (SET OF 6 SCREENS)
218284	MIST ARRESTOR PACK ASSEMBLY (ALUMINUM SCREENS WITH STAINLESS STEEL MESH)

### CONDUCTIVE RECOVERY BAG - Included

Part #	Description
219992A	CONDUCTIVE RECOVERY BAG FOR IT-40L MINI ENHANCED
219992	CONDUCTIVE RECOVERY BAG FOR IT-40L MINI ENHANCED (PACKAGE OF 3)

### TOOLS AND ACCESSORIES - Included

Part #	Description
383440	STATIC CONDUCTIVE CRUSHPROOF SUCTION HOSE ASSEMBLY(NO WIRE)Ø1.5"(38mm)x10'(3m) FOR 1.5" CAMLOCK IN
381818	CREVICE TOOL 1.5"(38mm) x 8"(20cm) w/1.5" ALUMINUM TUBE, BLACK RUBBER, CONDUCTIVE & OIL RESISTANT

383312A	ROUND BRUSH ASSEMBLY, ESD SAFE PLASTIC, FOR USE WITH 1.5" (38mm) HOSE
383462	CONICAL NOZZLE ASMBLY w/CURVED TIP, 10"(25cm) CONDUCTIVE RUBBER, PRESSURE FIT (323562+381155A-H)

TOOLS AND ACCESSORIES - Optional	
----------------------------------	--

Part #	Description
381477	DOUBLE BEND WAND (2pc) 1.5" (38mm) x 54" (137cm), CHROME, w/TAPER FOR PLASTIC FLOOR TOOLS
381448A	UTILITY FLOOR TOOL, Ø1.5"(Ø38mm) x 12"(30cm), STATIC CONDUCTIVE PLASTIC w/CONDUCTIVE NYLON BRISTLES