

ATEX

ATEX 3rd Party Certified

CE II 2 GD

Ex h IIC T6 Gb
Ex h IIIC T85°C Db
LCIE 03 ATEX 6310 X

IEC

Ex h IIC T6 Gb
Ex h IIIC T85°C Db
IECEx LCIE 17.0076 X



GUARANTEED for the Safe Recovery of Combustible/Conductive Dusts

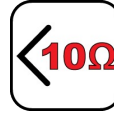
ESD Safe Vacuum Systems for Hazardous Locations are designed to prevent ignition hazards. We use metal parts or Static Dissipative Powder Coating to prevent Electrostatic Discharge (ESD)



Characteristics



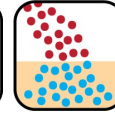
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Oil



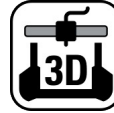
Coalescing Filter Element



SD Accessories - Included



SS 304



3D Printing

- Hydrogen safe
- Immersion separator "Wet Oil Mix" - Meant to be used with mineral oil or any other neutralizing liquid
- **Designed for the Recovery and INERTIZATION of Conductive and Explosive Dust, such as Aluminum, Magnesium, Zirconium and other commercial alloys, into a Liquid Immersion Bath**
- Legally certified explosion proof/dust ignition proof
- Meets the requirements for a Liquid Precipitation Collector for metal dusts as outlined in NFPA 484
- Less than 10 ohms of resistivity
- Coalescing Filter Element (CFE) for moisture removal. HEPA Grade. 99.97% efficiency at 0.3 micron
- Pneumatic (air-operated)
- Recovery capacity of 22 lb (10 kg) of dust into 7.9 gal. (30L) of oil or any other neutralizing liquid
- Stainless steel SAE 304 body and heavy duty powder coated cart
- Equipped with a liquid level indicator
- Tiger-Vac® recommends the use of mineral oil with a viscosity = 10.5 cSt.

Specifications

SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX	110417-OIL
Model Name	SS-IT (85L) EX (CFE) HEPA WET (OIL) MIX
Type (Powerhead)	Pneumatic
Venturi	Single
Venturi (diam.)	5 mm
Minimum Compressor	15 HP
Air Line Size (Diam.)	1/2" (12.7mm)
Input Air Volume	21.2 L/s
Input Air Pressure	5.5 Bar
Air Flow	204 m ³ /h
Vacuum Pressure	3050 mm H ₂ O
Sound Level	70 dB(A)
Suction Inlet	50 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	None
Length	102 cm
Width	61 cm
Height	180 cm
Weight (Vacuum Only)	94 kg.

Please note that specifications are subject to change without notice



Arc Technologies

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Use only recommended tools & accessories



SS-IT (85L) EX (CFE) HEPA with Recovery Tank removed



Coalescing Filter Element (CFE) - Included



Liquid Level Indicator Tube - Included



Sieve Basket - Included



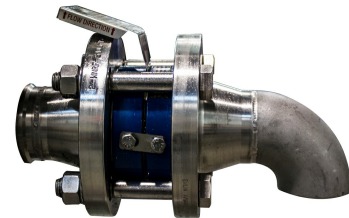
Cone for Interceptors - Included



Air Supply Hose Assembly, Static Dissipative and Conductive - Included



Tool Kit for Interceptors - Included



Rupture Disk - Optional



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