



**ATEX** 3rd Party Certified  
C<sub>Ex</sub> II 2GD  
Ex h IIC T6 Gb  
Ex h IIC T85°C Db  
LCIE 03 ATEX 6310 X



Ex h IIC T6 Gb  
Ex h IIC 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



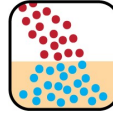
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Oil



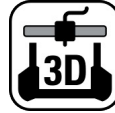
Coalescing Filter Element



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

Please note that specifications are subject to change without notice

## 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



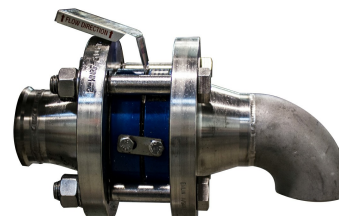
Cone for Interceptors - Included



Air Supply Hose Assembly, Static Dissipative and Conductive - Included



Tool Kit for Interceptors - Included



Rupture Disk - Optional