

ATEX

ATEX 3rd Party Certified

CE II 2GD

Ex h IIC T6 Gb

Ex h IIC T85°C Db

LCIE 03 ATEX 6310 X

IEC

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



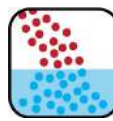
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Water



HEPA - Included



High Filtration Efficiency Unit



SS 304



Coalescing Filter Element



SD Accessories - Included

- Immersion separator "Wet Mix". For use with water (no oil)
- **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 filter with an efficiency of 99.995% at 0.3 micron. Tested IEST-RP-CC001. H14 by MPPS method as per EN 1822 and OSHA compliant. All of our HEPA vacuum systems are aerosol leak tested before leaving our facility - included
- Pneumatic (air-operated)
- Recovery capacity of 22 lb (10 kg) of dust into 7.9 gal. (30L) of water (no oil)
- Stainless steel Type 304 body and heavy duty powder coated cart
- Equipped with a liquid level indicator

## Specifications

| SS-IT (85L) EX (CFE) HEPA WET (WATER) MIX | 110417                                    |
|-------------------------------------------|-------------------------------------------|
| Model Name                                | SS-IT (85L) EX (CFE) HEPA WET (WATER) 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 <sup>3</sup> /h                     |
| Vacuum Pressure                           | 3050 mm H <sub>2</sub> O                  |
| Suction Inlet Port                        | 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

## Use only recommended tools & accessories



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



Coalescing Filter Element (CFE) - Included



HEPA Filter - 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