

ATEX®

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**



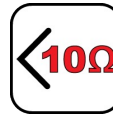
**GUARANTEED** for the Safe Recovery of Combustible/Conductive Dusts

**ESD Safe** Vacuum 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



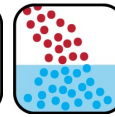
EX Certified



Less than 10 ohms



Dry Recovery



Wet Mix - Water



HEPA - Included



High Filtration Efficiency Unit



SS 304



Detachable Tank



Coalescing Filter Element



- Immersion separator "Wet (Water) Mix" - Only meant to be used 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
- Electric
- Stainless steel SAE 304 interceptor tank
- Recovery capacity of 11 lb (5 kg) of dust into 6.5 gal. (25L) of water (no oil)
- Degassing vent allows gas to be evacuated automatically from the unit
- Portable and equipped with a single, or dual, static dissipative suction hose connector
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Equipped with a liquid level indicator
- Tiger-Vac® carries a large inventory of shrouded sanders, grinders and dustless drill kits, along with a large suction port for maximum dust recovery
- OSHA Combustible Dust National Emphasis Program "NEP" NRTL approved. NRTL certified US/Canada for use in hazardous locations as defined in NFPA 70. Meets NFPA 484 Guidelines
- At Tiger-Vac® safety has no compromise



**Arc Technologies**

Worldwide Technology For Controlled Environments

Web site: [www.arctechnologies.co.uk](http://www.arctechnologies.co.uk)

email: [achambers@arctechnologies.co.uk](mailto:achambers@arctechnologies.co.uk)

Tel: +(44)0115 928 1508

## Specifications

| EXP1-IT (63L) EX (CFE) SK HEPA FOR HAZLOCS | 113167B                        |
|--|--------------------------------|
| Model Name                                 | EXP1-IT (63L) EX (CFE) SK HEPA |
| Type (Powerhead)                           | Electric                       |
| TEFC Motor                                 | Yes                            |
| Voltage                                    | 230 V                          |
| Hertz                                      | 50 Hz                          |
| Phase                                      | Single                         |
| Wattage                                    | 1000 W                         |
| Power                                      | 1 kW                           |
| Amperage                                   | 4.5 A                          |
| 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                              | 50 mm                          |
| Cart Type                                  | Detachable Tank (DT)           |
| Filter Cleaning                            | None                           |
| Length                                     | 79 cm                          |
| Width                                      | 61 cm                          |
| Height                                     | 160 cm                         |
| Weight (Vacuum Only)                       | 76.2 kg.                       |
| Cord Length                                | 15 m                           |

Please note that specifications are subject to change without notice



**Arc Technologies**

Worldwide Technology For Controlled Environments

Web site: [www.arctechnologies.co.uk](http://www.arctechnologies.co.uk)

email: [achambers@arctechnologies.co.uk](mailto:achambers@arctechnologies.co.uk)

**Tel: +(44)0115 928 1508**

## Use only recommended tools & accessories



EXP1-IT (63L) with Recovery Tank removed



Coalescing HEPA filter (Upstream) - Included



Mist Arrester Pack - Included



Liquid Level Indicator Tube - Included



Sieve Basket - Included



Cone for Interceptors - Included



Wye Connector - Included



Suction/Airline Hose Assembly, Static Dissipative and Conductive - Included



EXP1-IT (63L) with optional Dust Extraction Arm



**Arc Technologies**

Worldwide Technology For Controlled Environments

Web site: [www.arctechnologies.co.uk](http://www.arctechnologies.co.uk)

email: [achambers@arctechnologies.co.uk](mailto:achambers@arctechnologies.co.uk)

Tel: **+(44)0115 928 1508**