

## **EX-10/15 IS Explosion Proof Immersion Separator Wet Mix Vacuum Cleaners**



## Industrial Vacuums for Hazardous Materials

### Explosion Proof Dust Ignition Proof Electrically Operated Immersion Separator Wet Mix Vacuum Cleaners

Certified Explosion proof/Dust ignition proof industrial vacuum certified Class I, Division 1, Group D and Class II, Division 1, Groups E, F and G Hazardous Locations as defined in the National Electric Code (NEC) and NFPA 70

Certified EPL Db and EPL Gb (Equipment Protection Level)

PrestiVac explosion proof/dust ignition proof vacuums are specifically designed to safely vacuum explosive, combustible and conductive dusts. Our immersion separator system neutralizes explosive, conductive, combustible dust by submerging it into a neutralizing liquid bath, rendering it inert and eliminating any risk of fire or explosion. Our explosion proof vacuums comply with NFPA 484 guidelines and are an effective tool for good housekeeping practise as per OSHA. All the electrical components, including the motor and starter are totally enclosed so there is no source of ignition. Our explosion proof/dust ignition proof vacuums are completely grounded and static dissipating because they are built entirely with non-sparking metals and do not have any painted components so

there is no risk of fire or explosion from a spark or static build up.

Features:

- Single phase Explosion Proof Motor
- Static dissipating ESD safe
- All Stainless steel construction makes it a solid unit that is easy to clean and sterilize
- Complete with static dissipating suction hose and accessories
- Stainless steel Drain valve assembly for easy emptying

Filtration System:

- 4-stage filtration system with cyclonic action for maximum performance and efficiency
- **HEPA<sup>Plus</sup>** Filtration with an efficiency of 99.995% @ 0.2 micron. Testing Method: IEST RP-CC034.3. H14. MIL-STD 282 / A.S.T.M. - D2986-91. MPPS method EN 1822.
- Conductive ESD safe filters
- Stainless steel mist eliminator

Applications:

- Combustible, Conductive, Explosive, Flammable, Hazardous dusts
- Class II Group E\* metal dusts (Aluminum, Bronze, Chromium, Iron Carbonyl, Magnesium, Tantalum, Titanium, Zinc, Zirconium, and other commercial alloys)
- Pyrotechnics
- Ammunitions
- Explosives
- Glowing media

Specifications:

Model	EX1-10/15 IS
Air Watts	321
Electricity	120v / 12a / 1300w
Air Flow (CFM)	145
Vacuum Pressure (H2O)	72
Collection Type	Dry
Capacity (gal)	10 or 15
dB(A) @ 6 ft	

Included Accessories:

- Static Dissipating suction hose assembly
- Stainless steel double bend wand assembly
- Floor tool
- Crevice tool
- Round brush

Optional Accessories:

- Extension wand
- Single bend wand
- Wall brush
- Dust extraction Arm

Options:

- Grounding reel
- Safety valve for gas vapors

Filtration Options:

- Activated Carbon Filtration System to adsorb fumes and vapors

If you have a special application or specific requirement, please feel free to contact us. As manufacturers, we can modify our units to meet your specific needs.

Explosion Proof, IMMERSION SEPARATORS & WET MIX DUST COLLECTORS (ELECTRIC), Immersion Separators/Wet Mix Dust Collectors, EXPLOSION PROOF DIVISION 1 (ELECTRIC)