



ATEX 3rd Party Certified
C_{Ex} 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



High Efficiency Cyclone



HEPA - Included



High Filtration Efficiency Unit



SS 304



Detachable Tank



SD Accessories - Included



3D Printing

- Powder Recovery System (PRS) for 3D Printing and Additive Manufacturing
- Pneumatic (air-operated)
- Suitable for all AM applications (both plastic & metal)
- Facilitates the extraction & recovery of powder from the AM machine powder bed and build chamber
- The integrated cyclonic pre-separator can separate and collect up to 98% of the powder before it enters the vacuum
- The powder is recovered in the detachable recovery tank made of stainless steel Type 304
- Recovered powder can be easily disposed or re-used depending on the application
- Meets NFPA 484 for Additive Manufacturing paragraph 13.4.1 – Equipment listed for Class II, Group E atmospheres
- Meets NFPA 484 for Powder and Dust Collection paragraph 11.2.4.4.1 – Cyclone without filter media
- ATEX & IECEx Certified for Conductive dusts Group IIC
- Provides a very high protection level in the collection tank

Specifications

SS-20 DT (PRS-HEC) RE HEPA WITH 3D TOOL KIT	113226-3D
Model Name	SS-20 DT (PRS-HEC) RE HEPA WITH 3D TOOL KIT
Type (Powerhead)	Pneumatic
Venturi	Single
Venturi (diam.)	6 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	4570 mm H ₂ O
Sound Level	72 dB(A)
Suction Inlet Port	50 mm
Recovery Capacity (Tank)	25 L
Length	112 cm
Width	56 cm
Height	135 cm
Weight (Vacuum Only)	95 kg.

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



SS-20 DT (PRS-HEC) RE HEPA Sideview



3D Tool Kit for 2" camlock suction inlet - included



Optional 3D Accessories



Extra recovery tank with lid to facilitate the refresh and re-use of the recovered powders (Part# 223001-ASM1) - Optional