

ATEX

ATEX 3rd Party Certified
CE 0081 II 2GD
Ex d IIB T4 Gb
Ex tb IIIC T135°C Db IP65
LCIE 03 ATEX 6295

IEC

CD EX Series IECEx 3rd Party Certified

Ex d IIB T4 Gb
Ex t IIIC T135°C Db IP65

IECEx LCI 10.0040 X

Certified for providing an Equipment Protection Level of EPL Db and EPL Gb



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



- Legally certified explosion proof/dust ignition proof
- Less than 10 ohms of resistivity
- Continuous duty 3-phase (TEFC) explosion proof/dust ignition proof motor. Third Party Certified
- ULPA filter with an efficiency of 99.999% at 0.12 micron. Filtration efficiency of 99.9995% at 0.18 micron. Tested IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA vacuum systems are aerosol leak tested before leaving our facility - included
- Cleanroom compatible with ISO Class 4 (former Class 10). Can be used in the Pharmaceutical industry with optional stainless steel Type 304 cart
- Manual Filter Shaker (MFS) system
- Static dissipative washable main filter is contained within a removable filter chamber
- All stainless steel Type 304 construction (except cart)
- Detachable recovery tank (DT) for easy disposal of recovered materials
- Static dissipative poly liner and clip for the easy and safe disposal of recovered materials - available
- Vertical mounting for areas with space constraints
- Equipped with a Carriage with Suspended Motor Top (CSMT). Includes static dissipative wheels
- Optional Ø1.5" (Ø38 mm) or Ø2" (Ø50 mm) tools & accessories
- Motor and switch for use in the presence of conductive metal dust is available. North-America: Class II, Group E Europe: Dust Group IIIC
- Other motor performances available
- Includes a True Cyclone Separator System located at

the suction intake to enhance suction performance

Specifications

CD/EUR-50L EX DT (MFS) CAT. 2GD Z1-21	111610B1
Model Name	CD/EUR-50L EX DT (MFS) ULPA Z1-2-21-22
Type (Powerhead)	Electric
TEFC Motor	Yes
Tension	400 V
Frequency	50 Hz
Phase	Three
Wattage	4000 W
Power	4 kW
Amperage	8.7 A
Air Flow	299 m ³ /h
Vacuum Pressure	3380 mm H ₂ O
VRV Setting	2030 mm H ₂ O
Sound Level	74 dB(A)
Type of Power Outlet	Not Included
Suction Inlet	63.5 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)
Dust Recovery Tank	50 L
Length	103 cm
Width	69 cm
Height	201 cm
Cord Length	10 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Ø2" (Ø50 mm) Static Dissipative Tools and Accessories - Optional



CD/EUR-50L EX DT next to an average sized man



CD/EUR-50L EX DT with Recovery Tank and Filter Chamber removed



CD/EUR-50L EX DT with Recovery Tank removed