



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



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

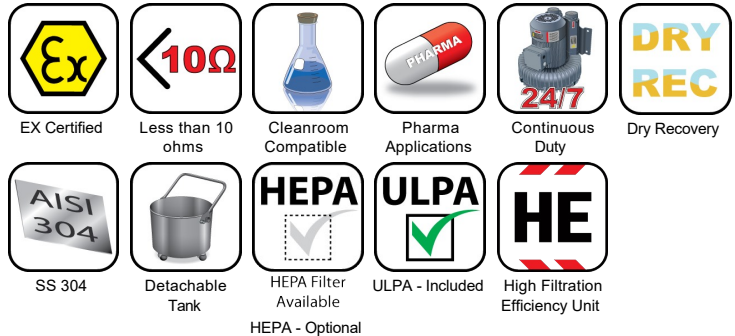


**GUARANTEED** for the Safe Recovery of Combustible/Conductive Dusts

**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



# Specifications

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