



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



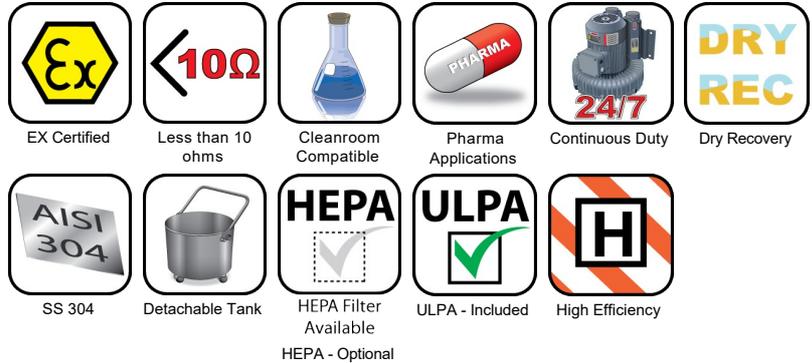
CD EX Series IECEX 3rd Party Certified
Ex d IIB T4 Gb
Ex t IIIC T135°C Db IP65
IECEX LCI 10.0040 X
Certified for providing an Equipment Protection Level of EPL Db and EPL Gb



GUARANTEED for the Safe Recovery of Combustible/Conductive Dusts

ESD Safe Vacuum Cleaners 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% on 0.12 micron. Filtration efficiency of 99.9995% on 0.18 micron. Tested: IEST-RP-CC001. U15 by MPPS method as per EN 1822. All of our ULPA Vacuum Cleaners 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.
- SD* 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
- SD* Polyliner and clip available for the easy and safe disposal of recovered materials.
- Vertical mounting for areas with space constraints.
- Equipped with a Carriage with Suspended Motor Top (CSMT). Includes static dissipative wheels
- Optional Ø1.5" (Ø38mm) or Ø2" (Ø50mm) tools/accessories.
- Motor and switch for use in presence of conductive metal dusts 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
Voltage	400 V
Hertz	50 Hz
Phase	Three
Wattage	4000 W
Power	4 kW
Amperage	8.7 amps.
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)
Plug Type	Not Included
Suction Inlet	63.5 mm
Cart Type	Detachable Tank (DT)
Filter Cleaning	Manual Filter Shaker (MFS)
Dry Recovery - Tank	50 L
Length	81 cm
Width	69 cm
Height	198 cm
Cord Length	10 m

Please note that specifications are subject to change without notice

Use only recommended tools & accessories



Ø2" (Ø50mm) 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

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Protection Level of EPL Db and EPL Gb

ESD Safe Vacuum Cleaners for Hazardous
Locations are designed to prevent ignition
hazards.
We use metal parts or Static Dissipative
Powder Coating to prevent Electrostatic
Discharge (ESD)



GUARANTEED for the Safe Recovery
of Combustible/Conductive Dusts



EX Certified



Less than 10
ohms



Cleanroom
Compatible



Pharma
Applications



Continuous
Duty



Dry Recovery



SS 304



Detachable
Tank



HEPA -
Optional



ULPA -
Included



High Efficiency

Specifications for CD/EUR-50L EX DT (MFS) CAT. 2GD Z1-21

Name	Part Number	Voltage	Hertz	Phase	Wattage	Power	Amperage	Air Flow	Vacuum Pressure	Plug Type	Dry Recovery - Tank
CD/EUR-50L EX DT (MFS) ULPA Z1-21-22	111610B1	400 V	50 Hz	Three	4000 W	4 kW	8.7 amps.	299 m ³ /h	3380 mm H ₂ O	Not Included	50 L
		Dimensions: H198 cm x W69 cm x L81 cm Sound Level: 74 dB(A)									

Please note that specifications are subject to change without notice

Technical Sheet for CD/EUR-50L EX DT (MFS) CAT. 2GD Z1-21

ULPA FILTER AND ACCESSORIES - Included

Part #	Description
212203	ULPA FILTER (U15), 11"(28cm)

FILTERS AND ACCESSORIES - Included

Part #	Description
214556	MAIN FILTER ASSEMBLY SD* (14 SQ. FT) (INCLUDES RING & CAGE)

PRE-FILTER - Optional

Part #	Description
214154T	PRE-FILTER ASSEMBLY SD* WITH TEFLON FOR TVSS-100, CD-4000 EX & 30 GALLON MODELS

MUFFLER - Optional

Part #	Description
214735	MUFFLER ASSEMBLY FOR RE EXHAUST SYSTEM, STAINLESS STEEL WITH SOUND INSULATING FOAM

POLY LINER RECOVERY BAGS AND ACCESSORIES - Optional	
Part #	Description
212100CS	CONDUCTIVE POLY LINER WITH DRAW STRING (35/38 LITRES)
213780	POLY LINER RETAINER PLATE ASSEMBLY (FOR USE WITH MOTORS UP TO 5HP)

GROUND CONTINUITY TESTER - Included	
Part #	Description
211065B	MULTIMETER

Ø1.5" (Ø38mm) STATIC CONDUCTIVE TOOLS AND ACCESSORIES (RESISTIVITY OF 10/3 - 10/5) - Optional	
Part #	Description
383441F	CRUSHPROOF SUCTION HOSE ASSEMBLY 1.5"(38mm) x 10'(3m), STATIC CONDUCTIVE, FOR 2.5" CAMLOCK INTAKE
381364	DOUBLE BEND WAND ASSEMBLY (2pc) 1.5"(38mm) x 54"(137cm), STAINLESS STEEL w/ALUMINUM TOOL COUPLING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381188	CREVICE TOOL SD*, 1.5" (38mm) x 11" (28cm), ALUMINUM
381185A	DUSTING BRUSH, SD*, WITH STAINLESS STEEL COUPLING, WITH CONDUCTIVE BRISTLES, 5"(12.5cm), ALUMINUM

Ø1.5" (Ø38mm) EXPLOSION PROOF TOOLS & ACCESSORIES - MANDATORY FOR USE WHEN RECOVERING CONDUCTIVE, METAL & PYROTECHNIC DUST. STATIC DISSIPATIVE (LESS THAN 10 OHMS) - Optional	
Part #	Description
381401D	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø1.5"(38mm)x15'(4.5m)W/HOSE CUFF&RING FOR USE W/2.5"(64mm)CAMLOCK
381364A	WAND ASSEMBLY (2pc), 1.5" X 54", S/S WITH ALUMINUM TOOL COUPLING, w/TAPER FOR USE w/HOSE CUFF w/RING
381236	UNIVERSAL TOOL SD* w/CONDUCTIVE BRUSH STRIPS, RUBBER BLADES, BRASS AXLE & WHEELS, 1.5" x18",ALUMINUM
381372D	CREVICE TOOL, 1.5"(38mm) x 11"(28cm), STAINLESS STEEL, FOR USE WITH HOSE CUFF WITH RING
381185DA	ROUND BRUSH, ALUMINUM SD*, 5"(12.5cm), WITH CONDUCTIVE BRISTLES, FOR USE w/HOSE CUFF w/RING

Ø2" (Ø50mm) STATIC CONDUCTIVE TOOLS AND ACCESSORIES (RESISTIVITY OF 10/3 - 10/5) - Optional	
Part #	Description
500540D	CRUSHPROOF SUCTION HOSE ASSEMBLY 2"(50mm) x 15'(4.5m) STATIC CONDUCTIVE, FOR 2.5" CAMLOCK INTAKE
500160	WAND ONLY, SINGLE BEND, 2"(50mm) x 48" (122cm), ALUMINUM, WITH TAPER FOR FLOOR TOOL
500161A	UNIVERSAL TOOL Ø2"(50mm)x20"(51cm)SD* NO COUPLING WITH BRASS WHEELS&CONDUCTIVE BRISTLES&RUBBER BLADE
500156B	CREVICE TOOL SD* (NO COUPLING) Ø2"(50mm)x15"(38cm) -ALUMINUM
501184A	DUSTING BRUSH ALUMINUM SD* Ø2"(50mm)x5"(12.7cm)WITH CONDUCTIVE BRISTLES & TUBE FOR PRESSURE FIT
500230	CONICAL NOZZLE RUBBER SD* ASSEMBLY Ø2"(50mm)x7.5"(19cm) WITH Ø2"(50mm)PRESSURE FIT ALUM. CONNECTOR
500234	TIGER-CLAW RUBBER SD* ASSEMBLY Ø2"(50mm)x4.5"(11.5cm)WITH Ø2"(50mm)PRESSURE FIT ALUMINUM CONNECTOR
501200A	UTILITY TOOL SD* Ø2"(50mm)x8"(20.3cm) WITH CONDUCTIVE BRISTLES & TUBE FOR PRESSURE FIT -ALUMINUM

Ø2" (Ø50mm) EXPLOSION PROOF TOOLS & ACCESSORIES - MANDATORY FOR USE WHEN RECOVERING CONDUCTIVE, METAL & PYROTECHNIC DUST. STATIC DISSIPATIVE (LESS THAN 10 OHMS) - Optional	
Part #	Description
500306D	KANAFLEX SUCTION HOSE ASSEMBLY SD* Ø2"(50mm)x15'(4.5m)WITH Ø2.5"(64mm)FEMALE CAMLOCK,HOSE CUFF&RING
500160SS	WAND ONLY SINGLE BEND Ø2"(50mm)x48"(1.2m) -STAINLESS STEEL AISI 304 FOR HOSE CUFF & RING
500161A	UNIVERSAL TOOL Ø2"(50mm)x20"(51cm)SD* NO COUPLING WITH BRASS WHEELS&CONDUCTIVE BRISTLES&RUBBER BLADE
500558	CREVICE TOOL Ø2"(50mm)x15"(38cm) -STAINLESS STEEL AISI 304
501184DA	DUSTING BRUSH ALUMINUM SD* 2"(50mm) x 5"(13cm) w/CONDUCTIVE BRISTLES, FOR USE w/HOSE CUFF w/RING
500230D	CONICAL NOZZLE ASSEMBLY -CONDUCTIVE RUBBER Ø2"(50mm)x7.5"(19cm)FOR USE WITH HOSE CUFF & RING
500234D	TIGER-CLAW RUBBER SD* ASSEMBLY Ø2"(50mm)x4.5"(11.5cm) FOR USE WITH HOSE CUFF & RING
500154DA	UTILITY TOOL SD* Ø2"(50mm)x8"(20.3cm) WITH CONDUCTIVE BRISTLES FOR USE WITH HOSE CUFF & RING