CD 2000 TYPE A







The CD 2000 type A bipolar discharge unit uses a mixed airflow of $2-18 \, \text{m}^3/\text{h}$ with a tube diameter on the aerosol inlet of \emptyset i= 6 mm and \emptyset a= 8 mm.

优势

- No operation license is required for radioactive instruments
- Bipolar discharge through negative and positive ions
- Applicable for solid and liquid aerosols
- Robust design
- Simple operation
- Reliable function
- Low maintenance
- Reduces your operating expenses

应用领域

- Discharge of electrically charged aerosols
- · Aerosol research
- Filter testing



技术数据

报告数据	Voltage: $0 - 6,000 \text{ V} \stackrel{\wedge}{=} 0 - 10$ VPwer: $0 - 1,000 \mu \text{A} \stackrel{\wedge}{=} 0 - 10 \text{ V}$	Volume flow (mixed air)	Type A: for $2-18 \text{ m}^3/\text{h}$, type B: for $3-36 \text{ m}^3/\text{h}$
Volume flow (suction flow)	0 – 4 m ³ /h	电源	115 – 230 V, 50/60 Hz
Power consumption	50 W	Aerosol outlet connection	Aerosol and fed mixed air, $\emptyset_{inside} = 12 \text{ mm}, \emptyset_{outside} = 16 \text{ mm}$
Mixed air connection	Cleaned pressurized air, type A: $\emptyset_{inside} = 6$ mm, $\emptyset_{outside} = 8$ mm, type B: $\emptyset_{inside} = 13$ mm	工作原理	lonization with corona
Mains fuse	F 3,15 A, 250 V	Aerosol inlet connection	Ø _{inside} = 6 mm,Øoutside= 8 mm
Special features	Positive and negative high voltages are provided by two independent power supplies, maximum voltage: \pm 6,000 V, maximum power: \pm 1,000 μ A		