

CD 2000 TYPE A



The CD 2000 type A bipolar discharge unit uses a mixed airflow of 2 – 18 m³/h with a tube diameter on the aerosol inlet of $\varnothing_i = 6$ mm and $\varnothing_a = 8$ mm.

工作原理

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

技术数据

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| 报告数据 | Voltage: 0 – 6,000 V $\hat{=}$ 0 – 10 V Power: 0 – 1,000 μ A $\hat{=}$ 0 – 10 V |
| Volume flow (mixed air) | Type A: for 2 – 18 m ³ /h, type B: for 3 – 36 m ³ /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, $\varnothing_{\text{inside}} = 12$ mm, $\varnothing_{\text{outside}} = 16$ mm |
| Mixed air connection | Cleaned pressurized air, type A: $\varnothing_{\text{inside}} = 6$ mm, $\varnothing_{\text{outside}} = 8$ mm, type B: $\varnothing_{\text{inside}} = 13$ mm |
| 工作原理 | Ionization with corona |
| Mains fuse | F 3,15 A, 250 V |
| Aerosol inlet connection | $\varnothing_{\text{inside}} = 6$ mm, $\varnothing_{\text{outside}} = 8$ 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 |

应用领域

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



Mehr Informationen:
<https://www.palas.de/zh/product/cd2000a>