

DC 10000



DC 10000 dilution cascade with electrical operating pump

Benefits

- No compressed air connection; only electrical power supply 115 - 230 V, 50 - 60 Hz
- Dilution factors 1:10, 1:100, 1:1,000, 1:10,000
- The user can perform a simple functional test on-site
- The dilution systems can be combined with all common particle counters
- The dilution systems from Palas® are characterized unambiguously. This is documented with a calibration certificate for each individual device.

Applications

- Aerosol dilutions in filter media test systems, e.g. MFP 1000 HEPA and MFP Nano plus according to EN 1822 and ISO 29463
- Aerosol dilutions in filter test systems, e.g. according to EN 779, ASHRAE 52.2 and ISO 16890
- Aerosol dilution in clean rooms
- Aerosol dilution in the operating room to determine the level of protection according to SWKI VA 105-1 and DIN 1946-4
- Recovery tests according to ISO 14644-3



<https://www.palas.de/product/dc10000>

Datasheet

Parameter	Description
Power supply	115 – 230 V, 50 – 60 Hz
Dimensions	approx. 500 • 230 • 150 mm (H • W • D)
Weight	approx. 10 kg
Dilution factor	1 : 10 1 : 100 1 : 1,000 1 : 10,000
Isokinetic suction nozzles	2 – 5 l/min, 15 – 37 l/min
Maximum particle size	< 5 µm
Volume flow (clean air)	
	72 – 180 l/min
Volume flow (suction flow)	2 – 5 l/min

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