DEMC 1000 X

A soft X-ray source as a neutralizer is already integrated. The advantage instead of a radioactive neutralization (for example, with Kr-85) is that there is no need to follow requirements during transportation.

Benefits

- The user is able to select any size within the defined size range.
- The DEMC can be connected to many counters to form an SMPS.
- Continuous and fast-scanning principle of measurement
- Graphic display of measurement values
- Intuitive operation using 7″ touchscreen and GUI
- Integrated data logger
- Low maintenance
- Reliable function
- Reduces your operating expenses

Applications

- Calibration of condensation particle counters (CPC)
- Monodisperse particle source
- System component of an SMPS

DATASHEET

Volume flow (sheath air)	2.5–20 l/min (others on request)
Size channels	Max. 256 (128/decade)
User interface	Touchscreen, 800 • 480 pixel, 7″ (17.78 cm)
Data logger storage	4 GB
Software	PDAnalyze
Power supply	90 – 264 V, 50/60 Hz
Classifying range (size)	4–600 nm
Installation conditions	+5 – +40 °C (control unit)
Impactor	Nozzle for 3 different cut-offs
Adjustment range (voltage)	1 – 10,000 V
Neutralizer	XRC 049
Data Management	Prepared for connection to the Palas Cloud MyAtmosphere (“MyAtmosphere-ready”); Internet access and separate registration required. The MyAtmosphere terms of use apply.

NORMS AND CERTIFICATES

ISO 15900:2010, CEN/TS 17434:2020