

DEMC 2000 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 – 14 l/min | Size channels | Max. 256 (128/decade) |
| User interface | Touchscreen, 800 • 480 pixel, 7" (17.78 cm) | Data logger storage | 4 GB |
| Software | PDAnalyze | Classifying range (size) | 4 – 1,489 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. MyAtmosphere terms and conditions of use apply. | | |