

# 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.

## OPERATION PRINCIPLE

## 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

## 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)   | 8 – 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. |

## APPLICATIONS

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



Mehr Informationen:  
<https://www.palas.de/product/demc2000x>