

# 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.

## 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

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 – 600 nm
Adjustment range (voltage)	1 – 10,000 V
Volume flow (sheath air)	2.5 – 14 l/min
Impactor	Nozzle for 3 different cut-offs
Installation conditions	+5 – +40 °C (control unit)
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/demc1000x>