

DEMC 1000 X



Differential electrical mobility classifier from 4 – 600 nm with integrated X-ray ionization

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



<https://www.palas.de/product/demc1000x>

DEMC 1000 X



Datasheet

Parameter	Description
Size channels	up to 256 (128/decade)
User interface	Touch screen, 800 • 480 pixels, 7" (17.78 cm)
Data logger storage	4 GB
Software	PDAnalyze
Classifying range (size)	4 – 607 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 370

Palas GmbH
Partikel- und Lasermesstechnik
Greschbachstrasse 3 b
76229 Karlsruhe
Germany

Managing Partner:
Dr.-Ing. Maximilian Weiß
Commercial Register:
register court: Mannheim
company registration number: HRB 103813
USt-Id: DE143585902



Contact: E-Mail: mail@palas.de Internet: www.palas.de Tel: +49 (0)721 96213-0 Fax: +49 (0)721 96213-33