

U-SMPS 1700 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

- Particle size distributions from 2 to 400 nm
- Continuous and fast-scanning principle of measurement
- High resolution in up to 128 size classes/decade
- Suitable for concentrations of up to 10^8 particles/cm³
- Universally connects to DMAs and nanoparticle counters from other manufacturers
- Graphic display of measurement values
- Intuitive operation using 7" touchscreen and GUI
- Integrated data logger
- Supports multiple interfaces and remote access
- Low maintenance
- Reliable function
- Reduces your operating expenses

APPLICATIONS

- Filter test
- Aerosol research
- Inhalation experiments
- Workplace measurements

DATASHEET

Measurement (number C_N)	range	$10^5 - 10^8$ Partikel/cm ³	Measurement (size)	range	2 – 440 nm
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	Installation conditions		+5 – +40 °C (andere auf Anfrage)
Adjustment (voltage)	range	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.			