# U-SMPS 2050 X/2100 X/2200 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.

### 优势

- Particle size distributions from 4 nm to 1.2  $\mu$ m
- 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/cm<sup>3</sup>
- 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

### 应用领域

- Filter test
- · Aerosol research
- · Environmental and climatic studies
- Inhalation experiments
- Interior and workplace measurements

<sup>\*</sup> Please contact Palas<sup>®</sup> for further details.



## 技术数据

测量范围(数量浓度)	0 – 10 <sup>8</sup> particles/cm <sup>3</sup>	测量范围(粒径)	4 – 1,200 nm
体积流量	0.5 – 3 l/min	Volume flow (sheath air)	2.5–20 l/min (others on request)
Size channels	Max. 256 (128/decade)	接口	USB, Ethernet (LAN), AUX, RS- 232 (CPC only)
User interface	Touchscreen, 800 • 480 pixel, 7" (17.78 cm)	Data logger storage	4 GB
软件	PDAnalyze	Installation conditions	+10 - +30 °C (others on request)
Adjustment range (voltage)	1 – 10,000 V(UP and DOWN scan possible)	Neutralisierer	XRC 049
Data Management	Prepared for connection to the Palas Cloud MyAtmosphere ("MyAtmosphere-ready"); Internet access and separate registration required. The MyAtmosphere terms of use apply.		

## 标准和证书

ISO 15900:2010, ISO 27891:2015, CEN/TS 17434:2020