



High resolution aerosol spectrometer for particle sizing and counting from 145 nm up to 100 μm with newest LED-technology The new aerosol spectrometer Promo(r)

LED 2300 is especially developed for the operation in monitoring applications. The heart of this high resolution aerosol spectrometer is the new LED-Technology with extra long life time at highest stability in particle sizing and counting applications.

Benefits

- Self-explanatory operation
- Quick and highly resolved measurement of particle size distribution
- Long lifetime on lamp due to new LED-Technology
- Large measurement range from 145 nm up to 100 μm
- Photometer mode for measurements according to DIN EN 13274-7

Applications

- Process monitoring of particle size and concentration
- Measurement of penetration of face masks (PMFT 1000 M)
- Measurement of fractional efficiency of particle size



<https://www.palas.de/product/promoled2300>

Datasheet

<i>Parameter</i>	<i>Description</i>
Measurement range (size)	0,145-100 µm
Measuring principle	Optical light-scattering
Measurement range (number C_N)	0 - 20,000 particles/cm ³
Volume flow	4,8 l/min, 9,5 l/min, 95 l/min
Data acquisition	Digital, 20 MHz processor, 256 raw data channels
Power consumption	approx. 200 W
User interface	Touch screen, 800 • 480 pixel, 7"

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