

Palas - Fidas 100 氣溶膠粒徑譜儀

产品名称	Palas - Fidas 100 氣溶膠粒徑譜儀
公司名称	廈門良廈貿易有限公司
价格	.00/个
规格参数	
公司地址	中国（福建）自由贸易试验区厦门片区中埔社10190号（注册地址）
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产品详情

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Fidas 100 monitors are specifically designed for workplace exposure assessments and indoor air quality measurements and provide continuous and simultaneous measurements of PM1, PM2.5, respirable fractions (PM4), thoracic fractions (PM10), inhalable fractions (TSP), the particle number, and (upon request) the particle size distribution in 32 size classes per decade within the particle size range of 0.18 – 18 μ m.*

The Fidas 100 uses the recognized measurement technology of optical light scattering and is equipped with a white LED light source with highly stable output and long lifetime. The system is also equipped with a filter holder for the insertion of an absolute filter (47 or 50 mm in diameter). This enables the user to perform on-site gravimetric correlation or subsequent analysis of the composition of the aerosol.

The Fidas 100 can be connected to an isokinetic sampling probe that measures emissions in exhaust air ducts.

The volume flow is 5 L/min.

The Fidas 100 is additionally equipped with sensors for measuring environmental conditions, such as temperature, atmospheric pressure, and relative humidity.

Palas offers remote maintenance and online data access for the device at www.palas.de/user.

(*) Other fractions can be implemented upon request. The size range can also be changed to 0.4 – 40 μ m or 2 – 100 μ m.

Particular Advantages

Continuous and simultaneous real-time measurement of multiple PM values

Additional information based on particle number concentration

Adjustable time resolution from > 1 s to 24 h

Light source: LED with high stability and long lifetime

Long service life

Low maintenance, possible to verify calibration on site

Intuitive and easy to operate

Reliable function

No radioactive material

No consumables

Reduces your operating expenses