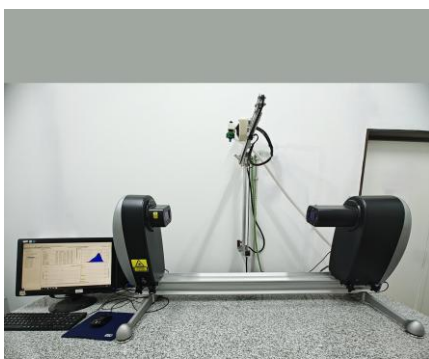




#5213

Spraytec (Malvern Panalytical)

DESCRIPTION

Laser diffraction-based instrument for droplet size characterization in aerosols, sprays, and nebulizations. Provides real-time particle size distribution measurements, suitable for dispersion and atomization studies.

MAIN FEATURES

- Technique: Laser diffraction
- Size range: 0.5 to 2000 μm
- Acquisition rate: up to 2.5 kHz
- He-Ne laser system with 300 mm and 750 mm lenses, automatic detector alignment, open design for in-situ analysis
- Malvern Spraytec software: continuous, pulsed or rapid measurements with SOP support and minimal user intervention

MAIN APPLICATIONS

- Droplet size characterization in sprays and aerosols
- Atomization and nebulization dynamics studies
- Real-time particle size distribution analysis in dispersion processes

ASSOCIATED SERVICE

3211

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