

Specifications for two different SMPS systems

Scanning mobility particle sizer with long DMA (size range of minimum 10 – 1000 nm)

Particle measurement size range	: 10 -1000 nm; lower diameter smaller than 10 nm would be given preference
Particle measurable types	: Solid and non volatile
Maximum input concentration count	: 10 ⁶ or higher particles per cc at 10 nm size
DMA voltage scanning range	: As appropriate for the particle selection
Flow rate	:
Aerosols	Possibly adjustable (0.2 to 1 or higher lpm)
Sheath	Possibly adjustable (2 to 10 or higher lpm)
Instrument size	: Must be robust for laboratory operation
DMA type	: Should be able to measure the mentioned size
Condensation particle counter (CPC)	: Should come with appropriate and supporting model of condensation particle counter. Must be compatible and high range of particle count.
Accessories	: Please include all the necessary accessories including a laptop for data collection and operation.
Optional accessories	: Please quote the optional accessories separately

The instrument is not for indoor monitoring but for long-term field and laboratory studies

Warranty: 18 Months

Nickel63 : ready active source