

HCT

EPS series Electrical Particle Sizer

Electrical Particle Sizer

# EPS series



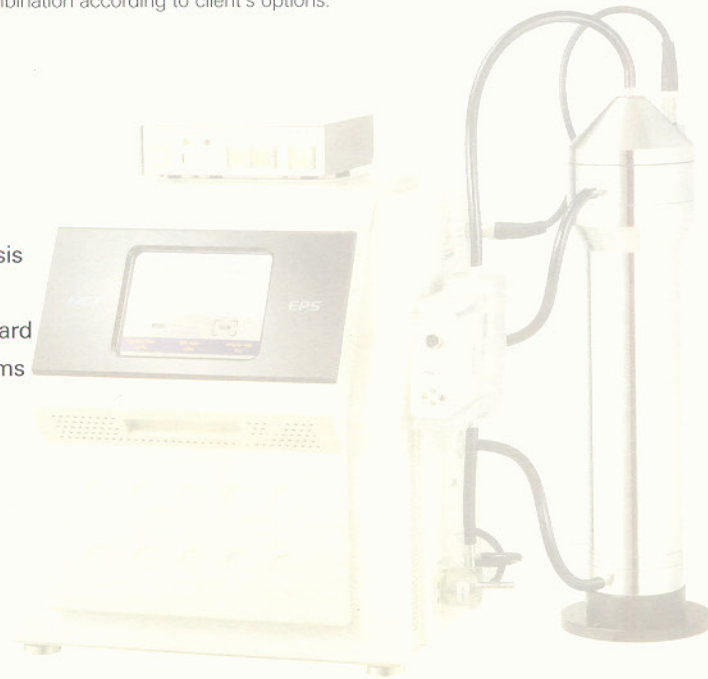
## Specifications

MODEL	EPS-00	EPS-05N	EPS-20	EPS-40
DMA TYPE		Mini	Middle	Long
Neutralizer	Only EPS	-	Soft X-ray Charger	-
Particle Size Range		2~160 nm	7~830 nm	10~700 nm
Weight	20 kg	21.3 kg	27 kg	25 kg
Maximum Particle Concentration	10 <sup>7</sup> particles/cm <sup>3</sup>			
Flow Rates	Aerosol : 0.1~1.5 l/min, Sheath Air : 1~15 l/min			
Aerosol Temperature Range	10~35 °C			
Aerosol Pressure Range	1 ± 0.1 atm			
Front Panel Display	JOG Button, 800 × 480 pixel			
Dimension (L × H × W)	290 × 310 × 340 mm			
Communication	RS 232			
Power	100~240 V (Alternating Current), 50/60 Hz, 1.0 A			

\* Except above product, products can be sold in any combination according to client's options.

## Applications

- Material Processing and Nano-Particle Synthesis
- Filter Media Tests for Filter Efficiency
- Instrument Measurement as Calibration Standard
- Particle Generator for Wafer Deposition Systems
- Atmosphere Monitoring
- Aerosol Research
- Clean-Room Particle Monitoring
- Diesel Vehicle Exhaust Particle Monitoring



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