

HCT

SNPS

Scanning Nanoparticle Spectrometer

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## Specifications

MODEL	SNPS-40NW	SNPS-20N	SNPS-05W
DMA Type	DMA-40	DMA-20	DMA-05
DMA Particle size Range (nm)	10~700	7~830	2~160
DMA Dimension (Length×Diameter)	650×44 mm	420×76 mm	210×36 mm
DMA Weight (Kg)	5	7	1.3
Neutralizer	Soft X-ray Charger	Soft X-ray Charger	-
CPC Type (User Selectable)	WCPC	CPC	WCPC
Max. Particle Size Resolution	64 Channel		
Aerosol Concentration	10 <sup>7</sup> Particles/cm <sup>3</sup>		
Scan Time	75 sec		
Aerosol Temperature Range	10~35 °C		
Aerosol Pressure Range	1 ± 0.1 atm		
Aerosol Flow Rate	0.1~1.5 LPM		
Sheath Flow Rate	1~15 LPM		
Front Panel Display	Jog Button LCD Panel (800x480)		
Rated	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

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



### HCT CO.,LTD

San 136-1 Ami-ri, Bubal-eup, Icheon-si,  
Gyeonggi-do, Korea 467-701

Tel +82-31-639-8546

Fax +82-31-639-8526

E-mail Product@hctpd.com

[www.hct.co.kr](http://www.hct.co.kr) / [www.hctpd.com](http://www.hctpd.com)