

Partector2

Partector2 Pro

PartectorTEM

Products



Product code	151 = silent pump ⁽¹⁾ 152 = OEM	171 = silent pump ⁽¹⁾ 172 = OEM	110
~ lead time	6 weeks	6 weeks	built on request
TEM sampling	-	-	✓
Measurement units	LDSA, number concentration, surface area, mean particle size UFP mass	LDSA, number concentration, surface area, mean particle size, UFP mass 8 –channel size distribution	LDSA
Measurement ranges			
LDSA	0-12'000 $\mu\text{m}^2/\text{cm}^3$	0-12'000 $\mu\text{m}^2/\text{cm}^3$	0-20'000 $\mu\text{m}^2/\text{cm}^3$
UFP number	0-1'000'000 pt/cm ³	0-1'000'000 pt/cm ³	
UFP diameter	10-300 nm	10-300 nm	
UFP surface	0-50'000 $\mu\text{m}^2/\text{cm}^3$	0-50'000 $\mu\text{m}^2/\text{cm}^3$	
UFP Mass	0-2'500 $\mu\text{g}/\text{m}^3$	0-2'500 $\mu\text{g}/\text{m}^3$	
Size distribution		10-300 nm	
Flow rate [lpm] ⁽²⁾	0.5	0.5	0.45
Wireless data interface (IoT)	✓	✓	-
Battery life	25 h	25 h	10 h
Size [cm] weight [g]	8.8 x 14.2 x 3.4 415	8.8 x 14.2 x 3.4 415	7.8 x 13.4 x 2.9 440
List price in Switzerland	9'900 CHF	12'900 CHF	9'900 CHF

Upgrades: Partector 2 devices starting from serial numbers 8100 can be upgraded to the Pro version.
Costs 3000 CHF + 990 CHF incl. recalibration + testing. Upgrades need to be done / arranged with naneos directly.

(1) Silent means, pump noise is in ultrasonic range @~21kHz and may be audible to very young people.

(2) The flow of the critical orifice in the OEM version is ~0.52 lpm.