

Partector2 Light

Partector2

Partector2 Pro

PartectorTEM

Products



Product code	160 standard pump 161 silent pump 162 OEM	150 standard pump 151 silent pump 152 OEM	170 standard pump 171 silent pump 172 OEM	110
Silent ⁽¹⁾ pump	optional	optional	optional	-
TEM sampling	-	-	-	✓
Measurement units	LDSA (Lung-deposited surface area)	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 $\mu\text{m}^2/\text{cm}^3$	0-12'000 $\mu\text{m}^2/\text{cm}^3$	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]	0.5	0.5	0.5	0.45
Wireless data interface (IoT)	✓	✓	✓	-
Battery life	29 h	25 h	25 h	10 h
Size [cm] weight [g]	8.8 x 14.2 x 3.4 400	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	6'900 CHF	9'900 CHF	12'500 CHF	9'900 CHF

Upgrades: The hardware of the Light version can be upgraded to normal Partector 2 devices later on.

Upgrade costs 3'990 CHF incl. recalibration. Partector 2 devices starting from serial numbers 8100 can be upgraded to the Pro version. Costs 2600 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.