











## Sothis Particle Counter Technical Datasheet

 Sothis(Suzhou)Environment Technology CO.,LTD		product		Particle Counters															
		APPLICATIONS	FEATURES	Partide Size Channels(μm)	Flow Rate	Concentration Limit	Cont.Operating Time	Data Memeory	Recharge Time	Power	Battery	Calibration Count Modes	Sampling Time	Light Source	Delay Time	Zero Count	Weight	Item Size	Environment
 SX-L301TL	SMALL FLOW RATE	Cleanroom Monitoring Medical Device Mfg/Pkg Filter Testing Hospital Surgery Suites/Pharmacy Food/Beverage Cosmetic Mfg'g/Pkg'g	1.7 inch large touch srceen display - easy viewed and operated 2.Improved software 3.The laser diode is from Japen with stable property and long lifespan 4.Function management is more effective and ordely	0.3,0.5,1,3,5,10 0.1cfm(2.83pm±5%)	35000 particle/L	6 hours	5000 records	3 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,6.6Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	3.3kg	220*200*240 mm (Length*Width*Height)	Temperature:0~40℃ ; Humidity: 10%-70%RH ; Atmosphere Pressure:86Kpa-106Kpa	USB
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 SX-L301TW	HANDHELD	1. Portable 2. The laser diode comes from Japan with stable property and long lifespan 3. 4.3inch touch screen 4. support bluetooth printer	1.7 inch large touch srceen display - easy viewed and operated 2.Improved software 3.The laser diode is from Japen with stable property and long lifespan 4.Function management is more effective and ordely	3*10 <sup>6</sup> particle/L	4 hours	3 hours	lithium battery 7.4V,3400mAh	0.85kg	220*135*68 mm (Length*Width*Height)										
1.7 inch 1280*720VGA TFT large touch srceen display - easy viewed and operated 2.Improved software 3.The laser diode is from Japen with stable property and long lifespan 4.Function management is more effective and ordely 5. Large flow rate saves the sampling time																			
 SX-L310T	28.3L Large FLOW RATE	1.7 inch 1280*720VGA TFT large touch srceen display - easy viewed and operated 2.Improved software 3.The laser diode is from Japen with stable property and long lifespan 4.Function management is more effective and ordely 5. Large flow rate saves the sampling time	0.1cfm(28.3pm±5%) 35000 particle/L	6 hours 6-8 hours	lithium battery 14.8V,36Ah	9kg	291*265*280mm (Length*Width*Height)												

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			APPLICATIONS	FEATURES																										
	SX-L350T	50L Large FLOW RATE	Cleanroom Monitoring Medical Device Mfg/Pkg Filter Testing Hospital Surgery Suites/Pharmacy Food/Beverage Cosmetic Mfg'g/Pkg'g	1.7 inch 1280x720VGA TFT large touch screen display - easy viewed and operated 2.Improved software 3.The laser diode is from Japen with stable property and long lifespan 4.Function management is more effective and ordely 5. Large flow rate saves the sampling time	0.3,0.5,1,3,5,10	1.77cfm(50lpm±5%)	35000 particle/L	4 hours	5000 records	6-8 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,36Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	9kgs	291*265*280mm (Length*Width*Height)	Temperature:0~40℃ ; Humidity:10%-70%RH ; Atmosphere Pressure:86kpa-106kpa	USB									
	SX-L3100T				100L Large FLOW RATE			1.0cfm(28.3lpm±5%)	3.53cfm(100lpm±5%)	35000 particle/L	6 hours	5000 records	6-8 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,36Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	9kgs	291*265*280mm (Length*Width*Height)	Temperature:0~40℃ ; Humidity:10%-70%RH ; Atmosphere Pressure:86kpa-106kpa	USB						
	SX-L310TW							50L Large FLOW RATE			0.3,0.5,1,3,5,10	1.77cfm(50lpm±5%)	35000 particle/L	4 hours	5000 records	6-8 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,36Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	9kgs	291*265*280mm (Length*Width*Height)	Temperature:0~40℃ ; Humidity:10%-70%RH ; Atmosphere Pressure:86kpa-106kpa	USB			
	SX-L350TW										100L Large FLOW RATE			1.0cfm(28.3lpm±5%)	3.53cfm(100lpm±5%)	35000 particle/L	6 hours	5000 records	6-8 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,36Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	9kgs	291*265*280mm (Length*Width*Height)	Temperature:0~40℃ ; Humidity:10%-70%RH ; Atmosphere Pressure:86kpa-106kpa	USB
	SX-L3100TW																0.3,0.5,1,3,5,10	1.77cfm(50lpm±5%)	35000 particle/L	4 hours	5000 records	6-8 hours	220V±10%,50HZ±2HZ	lithium battery 14.8V,36Ah	JJF1190-2008, GB/T 6167-2007	1~14400s	Laser Diode from Japan	1~255s	≤10min	9kgs