

SURFACE PARTICLE COUNTERS

- According to ISO 14644-1, ISO 14644-9
- Widely used in the semiconductor, medical, pharmaceutical, electronics, food, chemical, and aerospace industries, etc.
- Used to measure surface dust particles and airborne particles in clean rooms
- 7-inch LCD touchscreen control
- Built-in flow sensor, automatic closed-loop flow control
- Auto-evaluates purification level per preset standards



surface probe (included)



printer (included)

SPECIFICATION

Code		0813-SP01	0813-SP03	0813-SP05
Particle channel *		0.1, 0.2, 0.3, 0.5, 1.0, 5.0µm	0.3, 0.5, 1.0, 3.0, 5.0, 10.0µm	5.0, 10.0, 25.0, 50.0, 100.0, 125.0µm
Sampling flow rate		28.3L/min (1ft ³)		
Sampling flow accuracy		±5%		
Max. saturation concentration		2000000/ft ³		
Self-cleaning time		≤10min		
Error of particle sizes		±30%		
Particle accuracy		±30%FS		
Delay sampling time		0~65535s		
Number of measurements		0~65535		
Measurement cycle		0~65535s		
Measurement interval		0~65535s		
Particle	cleanliness class	ISO Class 1-9 (ISO14644-1: 2015)		
	sampling probe	Ø36.5mm		
	unit	m ³ , ft ³		
Surface	SCP class	SCP Class 1-8 (ISO14644-9: 2012)		
	surface probe**	Ø50mm		
	unit	m ² , ft ² , in ² , cm ² , mm ²		
Data storage		100000 sets of data		
Working environment		temperature: 20~35°C, relative humidity: ≤75%, non-corrosive air		
Power supply		16.8V rechargeable Li-ion battery, working time 5h		
Dimensions (L×W×H)		230×280×230mm	230×230×230mm	
Net weight		9kg	8kg	

*Up to 8 channels can be customized simultaneously

**Can be customized

STANDARD DELIVERY

Main unit	1 pc
Adapter	1 pc
High efficiency filter (0813-SPD-F)	1 pc
Ø50mm surface probe (0813-SPD-50)	1 pc

OPTIONAL ACCESSORY

Ø12.7mm surface probe	0813-SPD-127
Ø20mm surface probe	0813-SPD-20
Ø30mm surface probe	0813-SPD-30