ONLINE OIL PARTICLE COUNTER

DATA OUTPUT   WATERPROOF

PSC-ZX100

- With high precision laser sensors, small size, high accuracy, and stable performance
- Real-time monitoring of particulate contamination in oil systems.
- With built in data analysis system, can display each channel's particle size data and auto judge sample grade
- Built in calibration function, which can be calibrated according to standards like SEA4059, ISO4402, GB/T18854, etc.
- Equipped with RS232, RS485 and USB interfaces, it can be connected to various devices for data monitoring and processing
- Volume flushing and duration flushing modes for easy use and maintenance

SPECIFICATION

Part No.	PSC-ZX100	PSC-ZX100M
Protection level	IP56	IP67
Light source	semiconductor laser	
Flow range	5~500ml/min	
Particle size range	1~1000μm	
Limit coincidence error	40000particle/mL	
Sample viscosity	≤650cSt	
Sensitivity	1μm or 4μm(c)	
Counting volume	1~999ml	
Counting accuracy	±0.5 pollution levels	
Test time interval	1s~24h	
Temperature of sample	0~80°C	
Working temperature	-20~60°C	
Pipeline pressure	0.1~10Mpa	
Interface type	USB, RS232, RS485	
Data store	1000 sets of data can be stored, and support U-disk storage	
Power supply	AC 110~220v, 50~60Hz	
Weight	2.20lb	1.32lb
Dimension(W×H×D)	4.53×3.35×2.36″	3.94×2.95×2.36″

STANDARD DELIVERY

Main unit	1pc
Power adapter	1pc
Data cable	1pc

OPTIONAL DELIVERY*

Name	Code	Parameter
Temperature sensor	PSC-ZX100-TE	measurement range: 1~100°C, accurate: 1°C
Water activity sensor	PSC-ZX100-AW	measurement range: 0~1aw, accurate: 0.03aw
Water content sensor	PSC-ZX100-MC	measurement range: 1~360ppm, accurate: 1ppm

* Optional sensors should be installed in the factory, only for PSC-ZX100.