OIL PARTICLE COUNTER (STANDARD TYPE)
CODE PSC-TX100

VIDEO

DATA OUTPUT



- Built in ISO4406, NAS1638, SEA4059F, SAE749D, SAE4059cpc, ГОСТ17216, QC/T29104, GJB420A, GJB420B standards
- High precision laser sensors, wide measurement range, stable performance, high resolution
- Test interval can be set freely
- Built in data analysis system, can display each channel's particle size data, auto judge sample grade and print data
- Parameters can be modified, ultra large storage
- Volume flushing and duration flushing modes for easy use and maintenance
- Temperature, water activity, and water content sensors can be selected
- Includes manual, automatic, and half-count calibrations
- 5 account settings, with separate permissions for each account

SPECIFICATION

Light source	semiconductor laser
Resolution	≤10% (GB/T18854, ISO11171)
Coincidence error limit	12000~40000particle/ml
Repeatable	<2%
Sampling volume	0.2~6000ml, interval 0.1ml
Sampling error	<0.5%
Sampling rate	5~80ml/min
Sample temperature	-30~80°C
Working temperature	-20~60°C
Storage temperature	-30~80°C
Particle size range	1~100μm (ACFTD standard) or 4~70μm (c) (ISO MTD standard)
Counting accuracy	<5%
Sensitivity	0.8μm (ISO4402) or 3μm (c)
Sample viscosity	≤650cSt
Test channel	8~64 channels selectable (default 64 channels)
Pressure range	-0.08MPa~0.8MPa
Temperature sensor	optional, measurement range: 1~100°C, accuracy: 1°C
Water activity sensor	optional, measurement range: 0~1aw, accuracy: 0.03aw
Water content sensor	optional, measurement range: 1~360ppm, accuracy: 1ppm
Interface type	RS232, RE485 and USB
Data store	1000 sets of data can be stored, and support U disk storage
Weight	23kg
Dimension (L×W×H)	340×410×650mm
Power supply	AC 110~240V, 50~60Hz, 70W

STANDARD DELIVERY

Main unit	1 pc
Pneumatic pump	1 pc
Positive pressure tube	1 pc
Liquid discharge tube	1 set
Ultrasonic cleaner	1 pc
Tool	1 set

OPTIONAL ACCESSORY*

Temperature sensor	PSC-TX100-TE
Water activity sensor	PSC-TX100-AW
Water content sensor	PSC-TX100-MC

*Optional sensors should be installed in the factory