



STERILBIO ANALYTICS PTE. LTD.

SINGAPORE

Portable Liquid Particle Counter for Analysis of Hydraulic Oils, Water, Isopropyl Alcohol, ATF, etc.

Model SA-LPC02P Portable Liquid Particle Counter for Online & Off-Line Testing

Features

- 0.8-500 micron size range (Sensor Dependent)
- Light Blocking Technology
- No Computer Required
- Built-in Printer
- Solid-State Laser Light Source
- 1000 User-Selectable Size Channels
- Built-in Data Storage

Applications

- Aviation Industry
- Aerospace Industry
- Automobile Industry
- Power Industry
- Petroleum Industry
- Hydraulic Component Wear Testing
- Fluid Analysis Laboratories



The **Sterilbio Model SA-LPC02P** liquid particle counter is Battery Operated, and provides immediate particle concentration data for low and high viscosity fluids.

Using a light blocking sensor, the **Sterilbio Model SA-LPC02P** Liquid Particle Counter can be used On-Line or Off-Line for precise volumetric sampling of various fluids.

A wide range of fluids can be sampled from many sources, such as, equipment, parts, and processes.

The **Sterilbio Model SA-LPC02P** system supports many industry standards, including ISO 4406, NAS 1638, GJB-420A, GJB-420B, SAE4059E, FOCT 17216 etc.

The **Sterilbio Model SA-LPC02P** system has a USB and RS232 Output for Data Transfer.

Embedded design, high-strength casing, easy to carry, suitable for various types of construction machinery.



Model SA-LPC02P Liquid Particle Counter

Specifications

Light Source:	Semiconductor Laser
Particle Size Range:	0.8-600 um (depending on the sensor ordered)
No. of Size Channels:	Up to 64 Channels (Up to 1000 different sizes can be set by the user)
Resolution:	Better than 6.0 %
Repeatability:	$\leq 2\%$
Viscosity:	up to 100 cst
Sampling Volume:	0.2-1000 ml
Sampling Temperature:	0-80 Deg. C
Flow Rate:	5-80 mL/min (Adjustable)
Max. Particle Concentration:	30,000 particles/ml
Detection Method:	Light Blocking Principle
Printer:	Built-in
Display:	7" Colour Touch Screen
Calibration:	ACFTD in Oil or MTD in Oil (to be specified at the time of order placement)
Size Ranges:	User Selectable
Sampling Type:	On-Line & Off-Line
Communication:	USB and RS232
Power for Operation:	Built-in Battery or AC Power
Battery Run-Time:	6 - 8 hours
Power Requirements:	110-240V AC, 50/60Hz.
Dimensions:	420 x 326 x 182 mm
Weight:	9.0 Kg

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