STERILBIO ANALYTICS PTE. LTD.

SINGAPORE

Liquid Particle Counter for Hydraulic Oil Analysis

Model SA-LPC05 Table-Top Liquid Particle Counting System

Features

- 0.8-600 micron size range (Sensor Dependent)
- Light Blocking Technology
- No Computer Required
- Built-in Printer
- Solid-State Laser Light Source
- Degassing Facility
- 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-LPC05** liquid particle counting system provides immediate particle concentration data for low and high viscosity fluids. Using a light blocking sensor, the **Sterilbio Model SA-LPC05** system pressurizes fluid in a chamber for precise volumetric sampling of hydraulic fluids.

A wide range of fluids can be sampled from many sources, such as, equipment, parts, and processes. The **Sterilbio Model SA-LPC05** system supports many industry standards, including ISO 4406, NAS 1638, GJB-420B, GB/T14039, SAE4059E, ГОСТ 17216-71 etc.

The **Sterilbio Model SA-LPC05** system provides fast, accurate, and reliable results for particle contamination analysis.

STERILBIO®

Model SA-LPC05 Liquid Particle Counter

Specifications

Light Source:	Solid State Laser
Particle Size Range:	0.8-100 um Standard (upto 600 um available on request)
No. of Size Channels:	16
Resolution:	Better than 10%
Repeatability:	</= 2%
Viscosity:	up to 350 cst
Sampling Volume:	0.2-1000 ml
Flow Rate:	5-80 ml/min
Max. Particle Concentration:	20,000 particles/ml
Detection Method:	Light Blocking Principle
Degassing Facility:	In-Built
Printer:	Built-in
Display:	Colour Touch Screen
Calibration:	ACFTD in Oil or MTD in Oil (to be specified at the time of order placement)
Size Ranges:	User Selectable
Data Storage:	1000 Samples
Communication:	USB and RS232
Software:	Included in the price of the unit
Power Requirements:	110-245V AC, 50Hz, 70 W
Size:	340 x 410 x 650 mm

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