THE S120 DIGITAL IMAGING PARTICLE COUNTER

TÜV AUSTRIA CERTIFIED EN ISO 9001 Certificate No. 20100163000906 TÜV AUSTRIA CERT GMBH

- S120 WITH OR WITHOUT DISPLAY
- PORTABLE CARRY CASE
- BATTERY BACKUP
- PRINTER & IoT INTERFACE



A REVOLUTION IN PARTICLE COUNTING

Unlike laser counters, the digital image counter...

A particle counter which reads not just particulate matter in **mineral, synthetic and water based fluids**, but also **segregates particles** into **sliding wear, fibre, cutting wear, air bubbles and water droplets**.

Features

01 Oil cleanliness codes: ISO 4406, NAS 1638, & SAE AS4059.

02 Particles are grouped by micron size in seven categories - 4, 6, 14, 21, 38, 70, >100µ.

03 The S120 detects air and gas bubbles and eliminates them from the counts.

04 The shape recognition software is able to categorise particulates into sliding, cutting & fatigue wear.

05 Highly accurate sensor capable of self-calibration.

06 Full integration with SCADA/PC/PLC which can be controlled via analogue or digital instrumentation.



Compact, Portable Interface with printer

Technical Specifications

Weight	0.5 Kg	**Max Pressure**	160 Bar
Dimensions	80 x 45 x 45cm	**Power Display**	24 VDC
Temperature range	-20°C - 70°C	**Ports**	1/8" BSP
Flow Rate	0.1 - 1.0 l/min		
Output Options	Modbus RTU (RS485), Modbus TCP/IP, Local panel mount indicator, Local field mount indicator		

FLUID COMPATIBILITY

Mineral oils, synthetic oils, diesel, skydrol, water glycols, other fluids possible - contact us for more information.

Helping you ... work better ... under pressure

LASER

OPCom PARTICLE COUNTER



Based on laser technology

Read out in NAS / ISO / SAE Codes

Available in

A **Stand alone version** for installation directly on the pressure line, **with or without display**, with RS232/485 interface

B **Linked to IoT device** to transfer data live to cellphone / computer, in a **portable carry case with battery pack**

C **Installed on your machine** hydraulic line





ALSO AVAILABLE

The OPCom device integrated with our ELC Oil Cleaning unit

Compatible with

- Mineral based hydraulic oils
- Turbine oils
- Compressor oils

A truly user friendly unit with versatile options

Helping you ... work better ... under pressure

FERROCARE MACHINES PVT LTD.

AN ISO 9001:2015 CERTIFIED COMPANY

S.N. 32/3/8, Yewlewadi Road, Kondhwa Budruk, Pune - 411048, Maharashtra, India.

Ph. +91 96079 74281 • Email: info@ferrocare.com • www.ferrocare.com