

PC9001

FILTERTECHNIK, UK

New Low Cost Particle Counter for Oils & fuels



Don't use sunlight to check your oil purity!

The PC9001 gives you direct particle counts in ISO / NAS / SAE codes online and on your PC.

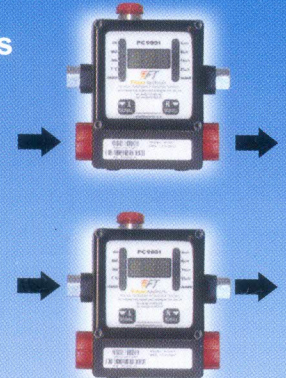
Instantly spot contamination level changes and avoid system damage.

The PC9001 allows your preventive maintenance to be planned with real time hard data.

Adapts itself to trend monitoring through RS232 output.

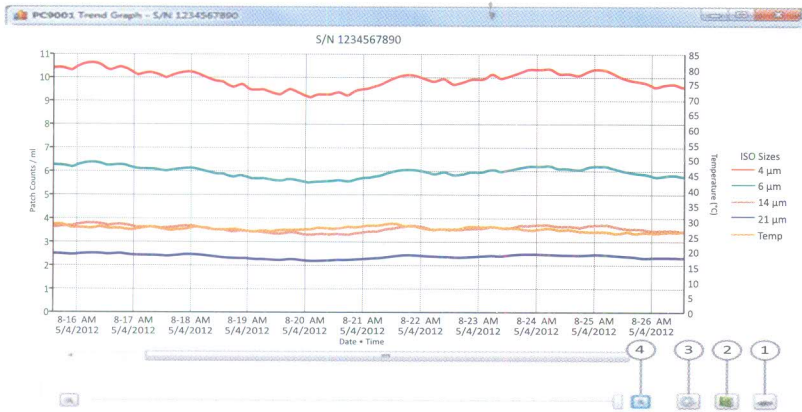
Variety of usage options

- As a dedicated unit mounted on a pipeline.
- From any system measuring / minimess point.



Get direct particle counts • Spot contamination level changes

Get LIVE accurate online particle counts.



Take the guess work out of checking.

The PC9001 laser particle counter provides real time, cleanliness levels on an easy to read LED display. It can work in both on & off line systems and can be used to trigger alarms &/or initiate clean up filtration systems.

It is supplied with a powerful windows based trending software, ideal for data logging & providing a traceable fluid cleanliness history.

It is compatible with both mineral & synthetic hydraulic and lubrication oils, diesel fuels and biofuels

Principle of operation: Laser

Features:

- 4 particle sizes: 4μ, 6μ, 14μ & 21μm
- Alarm indication with relay for controlling systems
- Real time analysis for fluid cleanliness
- Windows 7 compliant software included
- Live screen readouts of: NAS1638, SAE 749 & ISO 4406
- Accuracy: ± ½ ISO code
- RS232 output for trend monitoring

Pressure / flow options:

The PC9001 works between 3.8 - 38 ltr/min. However, the ideal flow rate through the PC9001 is 3.8 - 38 ltr/min., 2~500 bar operating pressure.

Applications:

- Any hydraulic or lubrication system where a rise in contamination will lead to expensive downtime.
- Production line testing.
- Early warning sign for •Rise in contamination • Component wear • Filter and seal failure • Water ingress • Oil oxidation • Cavitation

Advantages:

- Simple to install and use. The **PC9001** comes with its own trending software
- Highly affordable - can be dedicated to critical systems.
- Results are the same as earlier centralized laboratory counters (very bulky • very costly), as seen in practice.
- Compatible with mineral and synthetic lubricating & hydraulic oils, diesel and biofuels.

Don't just detect contaminants. Remove them immediately.



ELC unit