

European Filter Solutions

Filter solutions for Industry



Eaton CCS5

CONTAMINATION CONTROL SYSTEM

Now available from leading UK filter supplier
EUROPEAN FILTER SOLUTIONS LTD

Introducing the next level in contamination monitoring from Eaton, the CCS 5 Contamination control system.

The easy to use 7" touch screen that is glove friendly makes monitoring and analyzing fluid health intuitive, simple and accurate. The CCS 5's strong outer case and light 9.8 kg weight makes it ideal for portability into harsh environments.



Key features:

- 7" color touch screen that works with gloves
- Lithium polymer battery
- Battery charge lasts 50% longer in suction mode over previous model
- Protection classes: IP 54 with cover open, IP 67 with cover closed
- Automated measurement cycles
- Precise evaluation of contamination classes according to ISO4406:99, NAS 1638 and SAE AS 4059
- Measure and monitor contamination class, water saturation, temperature and theoretical water content (ppm)
- Optical particle counting via laser sensor

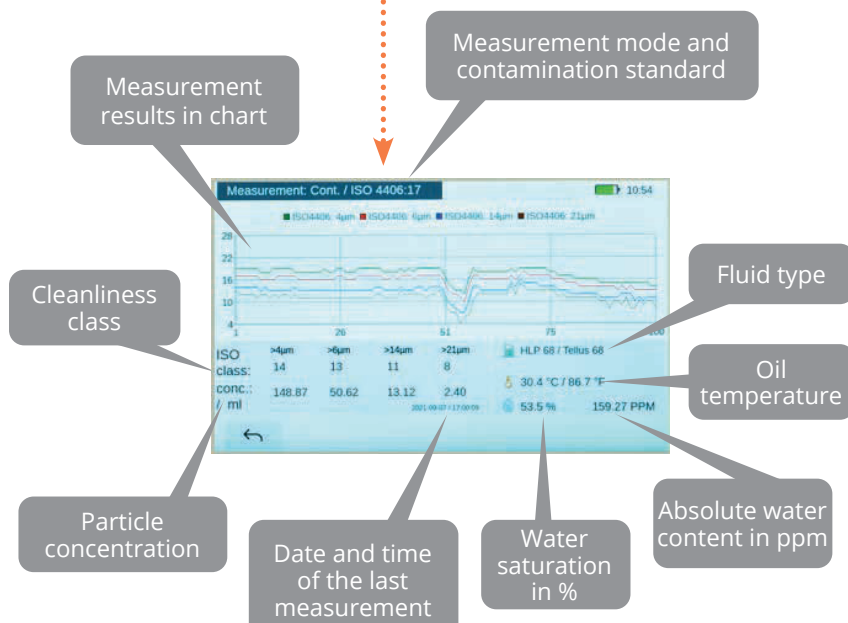
The CCS 5 quickly and accurately determines the solid contamination particle size distribution, water saturation, and fluid temperature of your fluid. The system can be used both in pressurized inline operation and unpressurized sampling of fluids. The CCS 5 will allow you to establish a baseline and monitor your systems fluid health to detect problems early. Detecting a problem early and correcting it will prevent further system damage and save money from repairs and costly downtime.



Function of the System



Technical data	
Operating parameters	
Power supply:	15 VDC/6 A/90 VA
Power supply (external unit):	100 to 240 VAC/50/60 Hz/15 VDC/6A
Protection class:	IP 67 (when cover is closed)
Operating suction range:	-0.2 to 0.2 bar
Operating pressure range:	1.5 to 350 bar
Viscosity:	10 to 400 mm ² /s
Fluid temperature:	0 to 70°C
Ambient temperature:	0 to 50°C
Measurement parameters	
Automatic particle counting in 4 channels:	≥ 4.0 µm(c), ≥ 6.0 µm c), ≥ 14 µm c), ≥ 21 µm
Contamination classes:	ISO 4406:99, NAS 1638, SAE AS 4059
Laser sensor calibration:	ISO MTD in oil (ISO 11171:1999)
Accuracy:	±1 (contamination class)
Water saturation:	0 to 100%
Temperature:	0 to 70°C





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Contact us for a free consultation,
aimed at improved system performance,
with reduced costs.

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