Filtration Products

CCS 5

Contamination Control System

EATON

Powering Business Worldwide

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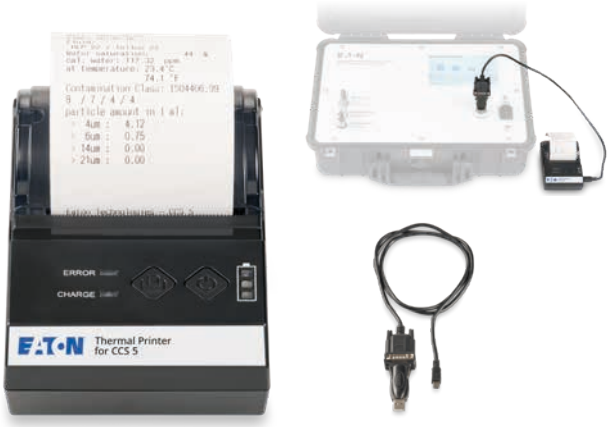
Introducing the next level in contamination monitoring from Eaton, the CCS 5 contamination control system.

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

Features:

- 7" color touch screen that works with gloves
- Lithium polymer rechargeable 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 cleanliness classes according to ISO4406:99, NAS 1638 and SAE AS 4059
- Measure and monitor cleanliness class, water saturation, temperature and theoretical water content (ppm)
- Optical particle counting via laser sensor

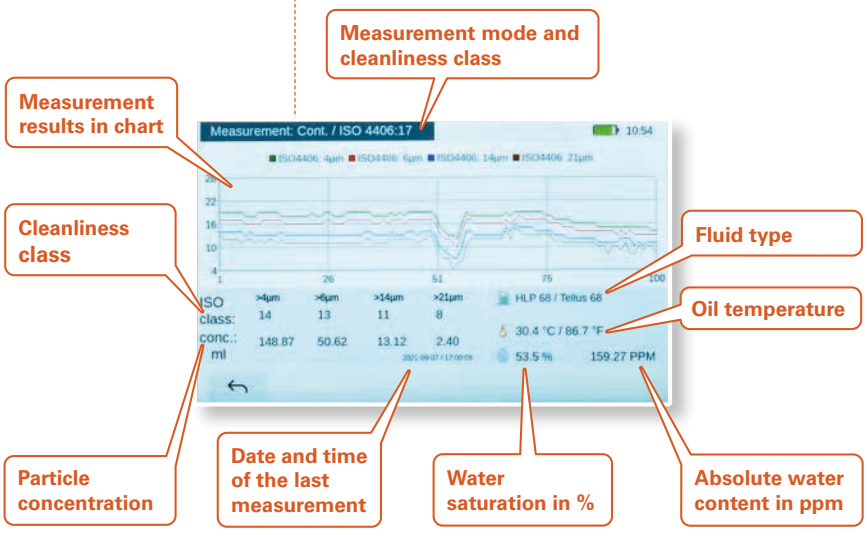


Portable Printing Capabilities

- Portable 58 mm thermal printer with rechargeable battery
- USB connectivity for printing saved results and measurements
- Prints water saturation, temperature, and cleanliness class measurements
- Optional set includes printer, 4 rolls of thermal paper, and USB adaptor

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

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/6 A
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 mm²/s
Fluid temperature:	0 to 70°C
Ambient temperature:	0 to 50°C
Measurement parameters	
Automatic particle counting in 4 channels:	≥ 4.0 $\mu m_{(c)}$, ≥ 6.0 $\mu m_{(c)}$, ≥ 14 $\mu m_{(c)}$, ≥ 21 $\mu m_{(c)}$
Cleanliness classes:	ISO 4406:99, NAS 1638, SAE AS 4059
Laser sensor calibration:	ISO MTD in oil (ISO 11171:1999)
Accuracy:	±1 (cleanliness class)
Water saturation:	0 to 100%
Temperature:	0 to 70°C



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QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001