



FA-ST

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Filtration Analysis Services Technology Ltd

How clean is your oil ?

70-80% OF HYDRAULIC SYSTEM FAILURES ARE CAUSED BY PARTICLE CONTAMINATION

Protect your machines with the CML4 Contamination Monitor

- Accurate, repeatable hydraulic healthchecks
- Reduces costs and downtime
- Portable and compact
- Effective on pressurised and unpressurised systems



CMP VIEW SOFTWARE
NOW AVAILABLE

CML4

Compact Portable Contamination Monitor

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Perfect for the field: Compact, light and robust the CML4 can work all day on a single battery charge. A high-impact steel cell protects components, while the high-resolution display is bright enough for working in direct sunlight

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Easy to master: An intuitive interface and straightforward on-screen software means operators can be up and running within minutes

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Fast accurate results: Proven LED light obscuration technology delivers accuracy and repeatability. Simple intuitive touch-screen technology ensures access to key results at a glance on the 7" screen

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Analysis: Connect the CML4 to MP Filtri's award-winning CMP View software for advanced trend monitoring and oil analysis. The device can save up to 4000 test results in its memory

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Lower costs and increased equipment longevity: As part of a complete contamination control programme, the CML 4 can flag up contamination issues before they impact performance – protecting hydraulic systems and reducing both maintenance costs and unplanned downtime



SPECIFICATION



Contamination Monitoring Products

Technology	LED based light extinction automatic optical particle counter
Particle Sizing	>4, >6, >14, >21, >25, >38, >50, >70 µm(c)
Analysis Range	ISO 4406 NAS 1638 AS4059 Rev E, Table 1 AS4059 Rev E, Table 2 AS4059 Rev F, Table 1 AS4059 Rev F, Table 2 GBT 14039 GJB 420 B GOST 17216
Accuracy	± 1/2 code for 4, 6, 14µm(c) ± 1 code for larger sizes
Calibration	Calibrated with ISOMTD in accordance with ISO 21018 - Part 1 and Part 4
Viscosity Range	Up to 400cSt
Fluid Temperature	Minimum: +5°C / +41°F Maximum: +80°C / +176°F
Ambient Temperature	Minimum: -10°C / +14°F Maximum: +60°C / +140°F
Operating Pressure	Minimum: 2 bar / 29 PSI Maximum: 420 bar / 6091 PSI
Moisture sensing	% RH (Relative Humidity) ±3%
Data Storage	Up to 4000 tests
Environmental Protection	IP 65 (Lid closed) IP54 (Lid open)
Power	Lithium-Ion rechargeable battery
Weight	8.5 kg / 18.5lbs
Product Dimensions	Width: 350mm / 13.8" Height: 149mm / 5.8" (not including handle) Depth: 297mm / 11.6"



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