



WiFi  
Enabled



Industry 4.0  
**READY**

# DISCOVER THE POWER OF CONNECTIVITY

## ICM 4.0

Inline Contamination Monitor

- **COMPREHENSIVE HYDRAULIC HEALTH CHECK**
- **24/7 REAL-TIME MONITORING**
- **COMPLETE 8-CHANNEL MEASUREMENT**
- **REDUCES COSTS & DOWNTIME**
- **OUTSTANDING CONNECTIVITY**

Compatible with



Available from



**PASSION TO PERFORM**

# ICM 4.0

All the data - wherever you are, whenever you need it.

MP Filtri's highly-acclaimed Inline Contamination Monitor has raised the bar again - adding full wifi connectivity to its market-leading feature set, accuracy and repeatability.

A 24/7 real-time monitoring and critical early warning system, the ICM 4.0 delivers the ultimate in hydraulic health checks - with all data accessible via a sophisticated software suite and an innovative new mobile phone app.

## KEY FEATURES

- Outstanding connectivity utilising the latest WiFi technology
- Live real-time monitoring
- Complete eight-channel measurement and display
- Predictive maintenance technology
- Data logging and 4000 internal test memory
- Live trend analysis option
- Ideal for hydraulic, lubrication, and subsea fluids
- Measures and displays a variety of international standard formats.
- Manual, automatic and remote control flexibility
- Multicolour indicators via LCD (K versions) and LED with output alarm signals
- Non-WiFi Connections also available as standard. Modbus, Canbus, 4-20mA signal and switched alarm relay outputs

## SPECIFICATION

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: Code 0 to 24 NAS 1638 Class 00 to 12 AS4059/ISO11218 Rev E, Table 1 Size Codes 2-12 AS4059/GJB420B Rev E, Table 2 Size Codes A-F 000-12* AS4059 Rev F, Table 1 Size Codes 2-12 AS4059 Rev F, Table 2 Size Codes, cpc[000 to 12]* (Lower limits test dependent)
Accuracy	± 1/2 code for 4, 6, 14µm(c) ± 1 code for larger sizes
Calibration	Individually calibrated with ISO Medium Test Dust (MTD) based on ISO 11171, on equipment certified by I.F.T.S. ISO 11943.
Viscosity Range	Up to 1000cSt
Fluid Temperature	<b>Minimum:</b> -25°C / -13°F <b>Maximum:</b> +80°C / +176°F
Ambient Temperature	<b>Minimum:</b> -10°C / +14°F <b>Maximum:</b> +55°C / +135°F
Pressure	<b>Minimum:</b> 0.5 bar / 7 PSI <b>Maximum:</b> 420 bar / 6091 PSI
Sample Volume	Adjustable 10 - 3600 seconds. Factory set to 120 seconds. Start delay & programmable test intervals available as standard
Data Storage	Up to 4000 tests
Environmental Protection	<b>IP 64</b> versatile IK04 Impact Protection
Power	Voltage 9-36V DC
Weight	1.6 kg / 3.85lbs
Product Dimensions	<b>Width:</b> 123mm / 4.8" <b>Height:</b> 142mm / 5.6" <b>Depth:</b> 65mm / 2.6"

\*See product literature for analysis range per size



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