

Hydraulic Contamination Control



In-line Contamination Monitor

The ICM automatically measures and displays particulate contamination, moisture and temperature levels in various hydraulic fluids.

Benefits:

- The most comprehensive contamination-monitoring data available in the marketplace today, reporting in ISO 4406, NAS 1638 AS 4059E and ISO 11218 across eight channels
- Wide fluid compatibility, viscosity and temperature variants to suit all types of system environments
- Full visibility of contamination levels with visual particle count
- View historic data log instantly with visual of previous ten tests on screen
- Monitors contamination, moisture and temperature levels all in one compact unit
- Fully calibrated unit – quality and reliability guaranteed
- Data captured for trend-monitoring with USB stick download option direct from unit

Features:

- Eight-channel contamination measurement and display
- Data logging and 4,000 test result memory
- Manual, automatic and remote control flexibility
- Multicolour indicators via LCD (K versions) and LED with output alarm signals as standard
- Robust die-cast aluminium construction
- LPA View software (included)
- Maximum pressure: 420 bar
- Environmental protection: IP65/67, versatile
- Secondary connector to allow the simultaneous control/download of results during operation
- 4-20mA analogue output as standard



Screen and multicolour indicators

Tech Sheet 60435

ICM - In-line Contamination Monitor

0302				Watt	Media	
ICMWMKRG1	M12 x 2	9-36V DC	20-400	>2.2W	Mineral Oil	4864.90
ICMONKRG1	M12 x 2	9-36V DC	20-400	>2.2W	Subseas Fluids	4129.60

Filtration Units

Features:

- Single phase 110V
- Dimensions: h 450mm x w 190mm x d 300mm
- Flexible hoses: 2 metres, suction and outlet
- Steel frame
- Spin-on filtration outlet
- Water removal outlet filtration also available
- Suction hose with lance: 1", 2000mm
- Pressure hose with lance: 3/4", 2000mm

Filter not included.
See page 345 for filters.



Tech Sheet 60434

GRF261

0302				Media	
GRF2611M250S	26	100V-50Hz	Inlet: 250	Mineral Oil	1885.10

Features:

- Single phase 110V (240V available)
- Dimensions: h 860mm x w 500mm x d 560mm
- Flexible hoses: 2 metres, suction and outlet
- Heavy duty trolley and wheels
- Inlet (pump protection) filtration: micron metal mesh
- Suction hose with lance: 1", 2000mm
- Pressure hose with lance: 1", 2000mm

Filter not included.
See page 345 for filters.



Tech Sheet 60446

GRF302

0302				Media	
GRF3021M149S	30	100V-50Hz	Inlet: 149	Mineral Oil	2811.15

Features:

- Single phase 110V
- Dimensions: h 860mm x w 500mm x d 560mm
- Flexible hoses: 2 metres, suction and outlet
- Heavy duty trolley and wheels
- Inlet (pump protection) filtration: Micron metal mesh
- Suction hose with lance: 1", 2000mm
- Pressure hose with lance: 1", 2000mm
- Water removal options available

Filter not included.
See page 345 for filters.



Tech Sheet 60447

GRM302 Complete with ICM In-line Contamination Monitor

0302				Media	
GRM3021M149S	30	100V-50Hz	Inlet: 149	Water & Oil	7802.50