



Industry 4.0
READY

PROPEL YOUR BUSINESS INTO THE INFORMATION AGE

ICU - In-situ Contamination Monitor
for Hydraulic Applications

- ENHANCES QUALITY
- PREDICTS AND PREVENTS UNPLANNED DOWNTIME
- BOOSTS PRODUCTIVITY
- MANIFOLD MOUNTING
- IMPROVES SAFETY
- CUTS MAINTENANCE AND SERVICE COSTS
- PAYS FOR ITSELF IN MONTHS

Find out more at:

www.mpfiltri.co.uk

PASSION TO PERFORM



ICU

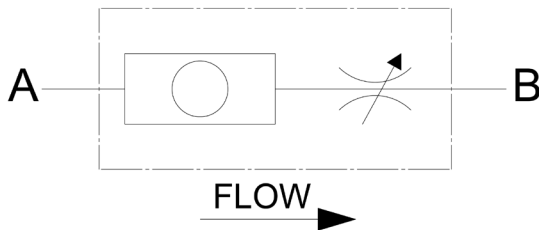
Work smarter and safer with Industry 4.0 enabled ICU technology

MP Filtri's ICU unleashed a new information age - delivering real-time contamination monitoring and tried-and-trusted critical early warning systems. Enhancing communication and connectivity, the ICU will save you time, money and risk - and ensure your production systems remain cutting-edge.

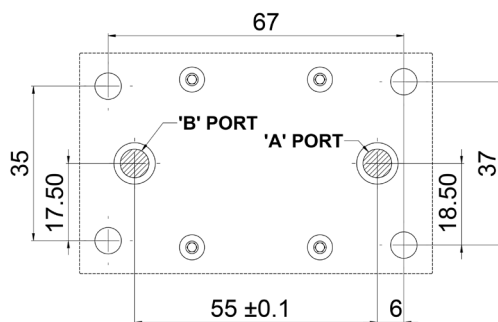
KEY FEATURES

- Live real-time monitoring
- Manifold mounting
- Calibrated to relevant ISO standards
- Manual, automatic and remote control flexibility
- Free LPA View software (Windows based)
- 3-channel contamination measurement and display
- Measures and displays to industry standards (ISO4406:2017)
- Robust brass construction
- Pressure max 350 bar
- Environmental protection IP65/67
- 4-20mA analogue output as standard

CONNECTION DIAGRAM



MOUNTING INTERFACE



SPECIFICATION

Technology	LED Based Light Extinction Automatic Optical Contamination Monitor*
Particle Sizing	>4,6,14 µm(c) to ISO 4406 2017 Standard
Analysis Range	ISO 4406: 2017 Code 0 to 20
Accuracy	± ½ code for 4,6,14µm(c)
Calibration	Each unit individually calibrated with ISO Medium Test Dust (MTD) based on ISO 11171, on equipment certified by I.F.T.S. ISO 11943
Operating Flow Rate	200 ml / minute controlled by the built in flow control valve
Viscosity Range	≤ 1000 cSt
Fluid Temperature	From +25°C to +60°C
Pressure min	50Bar
Pressure max	350Bar
Test Time	Adjustable 10 - 3600 seconds
Communication Options	4-20mA time multiplex as standard
Ambient Temperature min/max	From 0°C to 60°C
Environmental Protection	IP 65/67 versatile
Weight	1.4 kg
Electrical Supply	24v DC +/- 20%
Power Consumption	<2.2 W

* Supplied with relevant installation kit.
4 pin 'A Coded' cable required, not supplied.
For full specification please contact MP Filtri. Item no. 13.061000

To find out more about the ICU

Call us: **+44(0)1451 822 522** or visit: **mpfiltri.co.uk**

