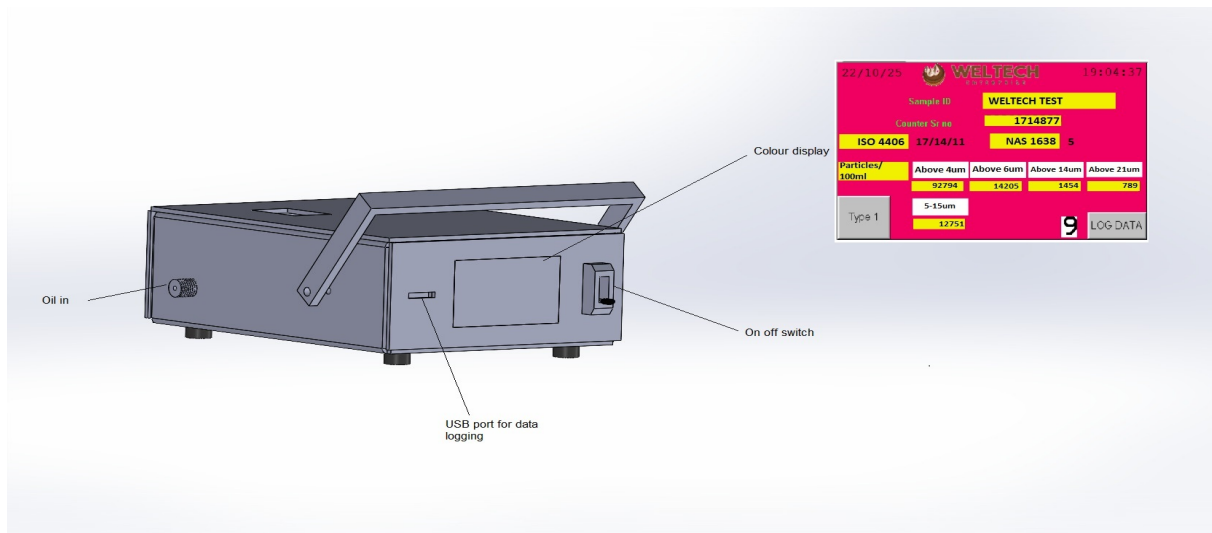


# WELTECH ENTERPRISE

Oil Contamination Monitoring Solutions

## WELTECH PARTICLE COUNTER – PCHIB-ICM2



### Product Overview

The Weltech Particle Counter PCHIB-ICM2 is a portable contamination monitoring instrument designed for measuring particulate contamination levels in hydraulic and lubrication oils. The instrument integrates the proven MP Filtri ICM-2 in-line contamination monitor to provide accurate oil cleanliness measurements directly from hydraulic systems.

### Key Features

- Portable rechargeable battery-operated instrument
- Measures contamination according to ISO 4406 and NAS standards
- Displays particle counts at multiple micron sizes
- Colour display showing contamination codes and particle counts
- USB data logging and pen-drive download capability
- Measures contamination, moisture and temperature

### Typical Applications

- Hydraulic system contamination monitoring
- Oil cleanliness verification during maintenance
- Filtration system performance verification
- Steel plants, power plants and heavy industrial machinery

## Technical Specifications

Parameter	Specification
Model	PCHIB-ICM2
Sensor	MP Filtri ICM-2
Measurement Standard	ISO 4406 / NAS
Minimum Operating Pressure	2 bar
Maximum Oil Temperature	80 °C
Fluid Compatibility	Mineral-based hydraulic oils
Power Supply	Rechargeable battery

## Key Benefits

- Improves oil cleanliness monitoring
- Supports predictive maintenance programs
- Portable design for quick on-site testing
- Helps reduce equipment wear and downtime

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