

Condition Monitoring Pod™

4X Stronger Sight Glass
Made of high-impact Tritan™, a chemically resistant, crystal-clear copolyester.

Multiple Sizes
Our patent-pending design is available in multiple sizes and thread types.



Next Generation Machine Inspection & Fault Detection.

Easy Fault Detection

Early detection of machine faults and abnormal wear is key to machine reliability. The longer the interval, the more likely an early detection; saving machines and money. The CMP delivers huge benefits over less frequent oil sampling and other condition monitoring activities.

Comprehensive Inspection

Most sight glass level gauges are used only to confirm oil volume. Many root causes and symptoms of machine failure are missed due to the limited ability of these sight glasses. The CMP is a multi-parameter inspection pod that greatly modernizes and expands daily one-minute inspections.

LUNETATA
SMART PRODUCTS • RELIABLE MACHINES



For Use On:
 Gearboxes
 Sumps
 Reservoirs
 Low Pressure Systems

Condition Monitoring Pod™

Patent Pending Design

Comparison	Columnar Sight Glass	Window Sight Glass	3D Sight Glass	CMP
Accurate oil level detection	✓	✓	✓	✓
View oil level from multiple angles			✓	✓
Vent NOT required (risk of plugging and contamination ingress)		✓	✓	✓
Ability to easily view oil color (wrong oil, oil oxidation, etc.)	✓		✓	✓
Ability to detect oil surface foam and entrained air			✓	✓
Ability to visually detect emulsified water contamination	✓		✓	✓
Includes magnetic plug for easy visual wear debris inspection, convenient access for cleaning and collection of particles for analysis				✓
Includes trap for convenient collection and inspection of non-magnetic sediment and sludge				✓
Includes a live-zone oil sampling valve				✓
Includes corrosion indicator for quick confirmation of corrosion suppression of oil-wet and NON-oil-wet machine surfaces				✓
Includes corrosion indicator for quick detection of varnish deposits				✓
Access Port to enable easy syringe samples for simple field tests (blotter, surface tension, crackle test, etc.)				✓
Access Port for portable instrument probe inspections (water contamination, dielectric constant, viscosity, etc.)				✓
Quick-release of inspection bowl for easy cleaning				✓

Specifications	Description	Part Number
<ul style="list-style-type: none"> Size: 2.75" x 3.18" x 3.5" (w x h x l) Sight Glass: Tritan™ with 1.4" diameter x 1.25" deep viewing area Body: Aluminum Pilot Tube: Stainless steel Magnetic Plug: Rare earth magnet Sample Port: M16x2 for attaching vacuum pump and sample bottle Viton® O-ring: Rubber FPM 	1/2" NPT	CMPOD.050NPT
	3/4" NPT	CMPOD.075NPT
	1" NPT	CMPOD.100NPT
	1 1/4" NPT	CMPOD.125NPT
	1 1/2" NPT	CMPOD.150NPT
	1/2" BSPP	CMPOD.050BSPP
	3/4" BSPP	CMPOD.075BSPP
	1" BSPP	CMPOD.100BSPP
	M20x1.5 METRIC	CMPOD.M2015

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