

MP FILTRI-LPA 3



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Brimmond's MP Filtri-LPA 3 can automatically measure and display particulate contamination, moisture and temperature levels in various hydraulic fluids. The analyser can be used onshore and offshore for multi disciplines and projects such as:

- **Hydraulic flushing units**
- **Filtration equipment**

Brimmond offer a range of complimentary equipment for rental; contact our hire team to find out how we can help you. For special projects, we offer a bespoke design solution, tailored to your requirements.

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WORK AREA CLASSIFICATION



TECHNICAL SPECIFICATION - STANDARD SUPPLY

TECHNOLOGY	LED based light extinction automatic optical particle counter
PARTICLE SIZING	>4,6,14,21,25,38,50,70 $\mu\text{m(c)}$ to ISO 4406 2017 Standard
ANALYSIS SIZE	ISO 4406: 2017 Code 8 to 24, NAS 1638 Class 2 to 12, AS4059/ISO11218 Rev.E. Table 1 Size Codes 2-12 AS4059/ISO11218 Rev. E. Table 2 Size Codes, A:000 to 12, B:00 to 12, C:00 to 12, D:2 to 12, E: 4 to 12, F: 7 to 12 AS4059 Rev.F. Table Size Codes 2-12 AS40459 Rev.F. Table 2 Size Codes, cpc (000 to 12, 00 to 12, 2-12, 4-12, 7to12) GBT14039 Code 8 to 24 GJB420B Size Codes, A:000 to 12, B:00 to 12, C:00 to 12, D:2 to 12, E: 4 to 12, F: 7-12
ACCURACY	$\pm 1/2$ code for 4, 6, 14 $\mu\text{m(c)}$ ± 1 for larger sizes
CALIBRATION	Each unit individually calibrated with ISO Medium Test Dust (MTD) based on ISO 11171, on equipment certified by I.F.T.S. to ISO11943
VISCOSITY RANGE	Up to 400 cst
FLUID TEMPERATURE	From +5°C to +80°C
PRESSURE MAX	Minimum 2 bar • Maximum 420 bar
SAMPLE VOLUME / TEST TIME	Maximum 100ml per pump stroke • Test volumes programmable by end user • Pre-set volumes also available
MOISTURE SENSING	% RH (relative humidity) $\pm 3\%$
TEMPERATURE MEASUREMENT	$\pm 3^\circ\text{C}$
COMMUNICATION OPTIONS	USB output
DATA STORAGE	4000 tests
SYSTEM PRESSURE MEASUREMENT	+/- 0.5% Full Scale Accuracy Min 10 bar
AMBIENT TEMPERATURE MIN/MAX	-10°C to +80°C
ENVIRONMENT PROTECTION	IP51 (lid open) IP66 (lid closed)
WEIGHT / DIMENSIONS	10kg, Height 292mm, Depth 155mm, Width 435mm
ELECTRICAL SUPPLY	18-19V 2.1-3.0A
POWER	Long-life Lithium Ion internal rechargeable battery (mains connected)
SOFTWARE	LPA view software

MAIN DIMENSIONS

