

SDM-73

Type of Gas Detected



Steel dust concentration



Features

- Enables simple diagnosis and trend monitoring of the wear condition of bearings, gears, cylinders, etc. by checking steel dust concentration in lubricating oil.
- Simple operation - simply place the oil sample.

Applications

- Simple diagnosis of the wear condition of bearings, gears, cylinders, etc. in rotational equipment.
- Monitoring steel dust contamination in hydraulic oil and grinding oil.

Specifications

Model	SDM-73
Measurement Principle	Magnetic balance type electromagnetic induction method
Substance Measured	Steel dust concentration in lubricating oil
Measurement Range	0-19999wt ppm
Resolution	1wt ppm
Zero Adjustment	Automatic adjustment
Amount of Sample	1.5ml
Power Source	4x AA (R6) alkaline dry cells or AC adaptor
Battery Life *1	Approx. 30 continuous hours by alkaline cells
Operating Temperature	0 to 40°C
Dimensions	W84 x H190 x D40mm
Weight	Approx. 500g (including battery)
Standard Accessories	Carrying case, 2ml syringe (5 pieces), Oil sampling nozzle (2 pieces), Syringe holder, 4x AA (R6) alkaline dry cells
Optional Accessories	AC adaptor

*1 Battery life may vary with ambient conditions, conditions of use, storage period, battery manufacturers, etc.