

SDM-72



Features

- Enables diagnosis of the wear condition of bearings before an increase in vibration.
- Simple operation - simply place the grease sample.

Applications

- Simple diagnosis and trend monitoring of the wear condition of greased bearings, gears, etc.
- Pre-diagnosis for Ferrography method and SOAP method.

Specifications

Model	SDM-72
Measurement Principle	Magnetic balance type electromagnetic
Substance Measured	Steel dust concentration in grease
Measurement Range	0-5.00wt%
Resolution	0.001wt%
Zero Adjustment	Automatic adjustment
Amount of Sample	Approx. 0.8ml
Power Source	4× AA (R6) alkaline dry cells or AC adaptor
Battery Life *1	Up to 30 hours by alkaline cells
Operating Temperature	0 to 40°C
Dimensions	W84 × H190 × D40mm
Weight	Approx. 500g (including batteries)
Standard Accessories	Carrying case, Grease sampling spatula, Grease sample case (10 pieces), 4× 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.

SDM-73



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	4× AA (R6) alkaline dry cells or AC adaptor
Battery Life *1	Up to 30 hours by alkaline cells
Operating Temperature	0 to 40°C
Dimensions	W84 × H190 × D40mm
Weight	Approx. 500g (including batteries)
Standard Accessories	Carrying case, 2ml syringe (5 pieces), Oil sampling nozzle (2 pieces), Syringe holder, 4× 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.