

PF100 Iron Instrument



高稳定 高性能 尺寸紧凑

ANALYSIS METHOD

The 5ml test tube with the sample is placed directly into the instrument's hole, and its metal content (PPM) is displayed on the screen in less than 2 seconds. Used in conjunction with the cold corrosion test kit to obtain the total iron measurement of marine cylinder oil wear gauge.

SOOHOW INSTRUMENT SUPPORT
HIGH-END MANUFACTURING IN CHINA

SOOHOW

FEATURES & BENEFITS

- Consistent with the standard test method ASTM D8120 for Ferrous Debris Quantification
- The iron wear tester is mainly used to detect metal particles in oil samples extracted from cylinder friction oil.
- PF100 provides a simple and easy-to-use platform.
- The instrument is independently developed by Shuhao Instruments, and it has undergone internal quality management control, making it an instrument with high accuracy and high reliability.
- The instrument is ideal for testing and analyzing oil samples on-site, such as on board ships or in remote locations where full laboratory analysis is not possible.
- PF100 is a precision magnetometer suitable for field applications.

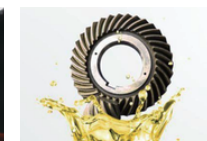
APPLICATION FIELD



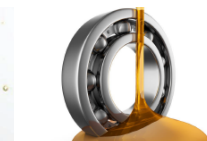
Machine Wear Monitoring



Machine System
Lubricant Evaluation



Gearbox Ferrous Wear
Debris Evaluation



Residual Evaluation
of Bearing Oil Lamp

MAIN TECHNICAL INDICATORS

Project	Data
Measurement Range:	0 - 2500ppm
Sample Testing Method:	Ferromagnetic method
Operating Temperature Range:	5°C - 40°C
Display Resolution:	5ppm
Repeatability :	+/- 10ppm (0 - 1000ppm), +/- 20ppm (>1001 PPM)
Sample vial:	Standard 5ml Test Tube
Weight:	1.1 KG
Test Time:	Less than 3 seconds per sample
Power Supply:	24V DC power supply including UK, EU, and US power adapters.