

# ANALEX<sub>fdM</sub>plus

## Ferrous Debris Monitor

The ANALEX<sub>fdM</sub>plus is a highly accurate instrument designed to measure the contamination of an oil sample with ferrous wear metal particles.

### Whats New?

The ANALEX<sub>fdM</sub>plus utilises a novel sample adaptor system to measure from any of the following sample media;

- ▶ 50ml Bottle
- ▶ 10ml Syringe
- ▶ 5ml Syringe
- ▶ 5ml Test Tube
- ▶ 4ml Grease Pots

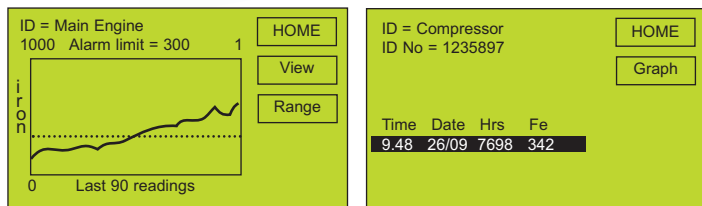


The ANALEX<sub>fdM</sub>plus measures un-combined ferrous wear debris in the oil or grease samples taken from a variety of types of machinery. Suitable for field and laboratory use the ANALEX<sub>fdM</sub>plus provides you with the ability to successfully monitor your equipment, preventing costly machinery downtime.

Contained in a fully portable case, it's rugged design is ideal for testing and analysing oil samples both in the laboratory or in the field. Supplied with an optional 12 V convertor, it is ideal for use in remote locations where full laboratory analysis is not possible. Samples may be presented for measurement in a variety of media, offering you full flexibility of use. Ferrous debris is measured directly from the oil or grease in the sample container, providing you with a quick, simple and clean method of analysis.

Data from each test is stored in the internal memory, which may then be transferred to a host PC via an RS232 interface. Data can then be fully analysed and trends easily monitored by importing into a database.

### Features



### Supplied With:

Calibration and Check Standards, Power Adaptor, RS232 Connector, Sample Adaptors, Range of Sample Media.

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### Data Entry

Data entry is via a simple and intuitive touch pad screen, with full alphanumeric keypad and backlit graphics display, for clear user prompts and easy viewing of results. The following parameters can be recorded:

- ▶ Automatic date and time linked to each equipment or sample number.
- ▶ Equipment number or identification.
- ▶ Sample number or identification.
- ▶ Lubricant Hours (0 - 999999 hrs).

The results are shown in a tabular display and in graphical format to enable trending by machine or equipment number.

### Specifications

<b>Product Code:</b>	FG-K17144-KW
<b>Measurement Range (approx PPM):</b>	50ml Bottle 0 - 2500ppm 10ml syringe 0-19000ppm 5ml Syringe 0-34000ppm 5ml Tube 0-28000ppm 4ml Grease Pot 0-8000ppm
<b>Display Resolution:</b>	1 ppm
<b>Sample Media:</b>	50ml Sample Bottles, 10ml Syringes, 5ml Syringes & Test Tubes, 4ml Grease Pots
<b>Test Time:</b>	< 1 minute to stabilise from power on < 15 seconds per sample
<b>Power:</b>	110 - 250 VAC autoselected 50/60 Hz
<b>Fuse Rating:</b>	2.5 A 250 VAC HRC A/S T ceramic
<b>Operating Temp. Range:</b>	15 - 40 °C (60 - 104 °F)
<b>Weight:</b>	4.22 kg

### Accessories and Consumables

<b>FG-K14946-KW</b>	x 360 off 50ml Sample Bottles
<b>FG-K15005-KW</b>	x 3000 off Grease Pots
<b>FG-K17074-KW</b>	x 1000 off 5ml Test Tubes
<b>FG-K17075-KW</b>	x 500 off 10ml Syringes
<b>FG-K17076-KW</b>	x 500 off 5ml Syringes
<b>FG-K16366-KW</b>	12 V Adapter

