

ANALEXfdMplus

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The ANALEXfdMplus is a highly accurate instrument designed to measure ferrous wear metal particle contamination in an oil sample. The ANALEXfdMplus utilizes a unique sample adaptor system to measure from any of the following sample sources:

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

The ANALEXfdMplus measures ferrous wear debris in oil or grease samples taken from a variety of types of machinery. Suitable for field and laboratory use, the ANALEXfdMplus provides the ability to successfully monitor equipment, preventing costly machinery downtime.

Contained in a fully portable case, it's rugged design is ideal for testing and analyzing oil samples both in the laboratory, or in the field. Supplied with an optical 12 V convertor, it is ideal for use

in remote locations where full laboratory analysis is not possible. Samples may be presented for measurement using a variety of sample apertures, offering you full flexibility of use. Ferrous debris is measured directly from the oil or grease in the sample container, providing 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 a RS232 interface. Data can then be fully analyzed and trends easily monitored by importing into a database.

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

Measurement Range (approx. PPM)	50ml Bottle: 0 - 2500ppm 10ml Syringe: 0 - 19000ppm 5ml Syringes: 0 - 34000ppm 5ml Tube: 0 - 28000ppm 4ml Grease Pot: 0 - 8000ppm
Display Resolution	1 ppm
Sample Sources	50ml Sample Bottles, 10ml Syringes, 5ml Syringes & Test Tubes, 4ml Grease Pots
Test Time	< 1 minute to stabilize from power on < 15 seconds per sample
Power	110 - 250 VAC autoselected 50/60 Hz
Fuse Rating	2.5 A 250 VAC HRC A/S T ceramic
Operating Temp. Range	60°F - 104°F (15°C - 40°C)
Weight	9.30 lb (4.22 kg)

Ordering Information

Part Number	Quantity	Description
FGK17144PA	1	Includes calibration and check standards, power adaptor, RS232 connector, sample adaptors, and a range of sample sources.
FGK14946PA	360	50ml Sample Bottles
FGK15005PA	3000	Grease Pots
FGK17074PA	1000	5ml Test Tubes
FGK17075PA	500	10ml Syringes
FGK17076PA	500	5ml Syringes
FGK17725PA	360	50ml Sample Bottles with Grease Thief Starter Pack & Calibration Standards