MMH020

POLLUTION CONTROL LABORATORY-OIL SAMPLING AND ANALYSIS

Experimental capabilities

- **Analysis of pollutants contained in the hydraulic oils**
- **Identification pollutant substances and the eventual comings of the pollutants**

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version : FT-MMH020-STD-B

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Operating principle

The pollution control laboratory is an indispensable tool for any substantive maintenance activity on industrial hydraulic installations

The robust design of this device makes it suitable for use in schools.
The equipment is set up on an Anodized aluminium frame on casters wheels. This gives it great strength and a flexibility of integration into your premises.
The manufacture of this equipment complies with the European standard for machinery manufacturing.
This equipment can be used alone or with other compatible equipment from our range (see last section of this document).

Technical details

1 set consisting of:

- 1 case for transport
- 1 chassis support
- 1 vacuum pump 230V 50Hz with vacuum management
- 1 filter bracket 25mm
- 1 stainless steel grid + cap + funnel and clamp
- 1 filter flask 1L
- 1 vacuometer
- 1 silicone vacuum hose
- Box of 100 lozenges filters for the control of contamination
- Bottle for solvent
- 1 L of solvent
- 1 box of 100 membranes in cellulose ester 5 microns
- 1 box of 100 membranes in cellulose ester 1.2 microns
- 1 ideal digital microscope camera for observation and measurement:
  - Magnification & optical resolution 20 to 500x / 5M Pixels (by interpolation 12M)
  - TFT color screen to allow more students to observe together.
  - Integrated software allowing accurate measurement (resolution of micron range) with calibration function
  - Camera equipped with lighting 8 white LEDs
  - Function Key memory / digital zoom x4 (or maximum magnification 2000x)
  - Ability to save photos on memory card supplied & transfer to PC via USB connection
  - AV output for viewing on TV or Video projector (capture software for video recording)
  - Power supply by Li-Ion battery
  - Required configuration: Windows® 2000 / XP / Windows Vista ™/ Windows®7 / Mac from 10.5 (the supplied software only works with Windows)
  - Adjustable sample holder

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