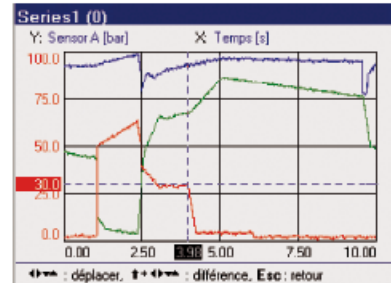


# MMH010



## HYDRAULIC MEASUREMENTS KIT



### Experimental capabilities

- Measuring pressure, flow rate and temperature, and other analog signal
- Taking instantaneous measurements, recordings and archiving data on PC.
- Analysis reports edition
- Plots of curves and processing of numeric values
- Speed measurement via the use of an optical tachometer

## Operating principle

The hydraulic measurements kit is a set of measurement equipments designed to achieve the diagnostic operations, monitoring and control of 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).

## Illustrations



### - 1 set of components for connecting the measurement sensors:

- **2 flexible capillaries** length of 1000 mm for measuring pressure / temperature
- **2 hoses** length 300mm mounted on the flowmeter and equipped with **quick couplers anti-drip flat face for flow rate measurement**
- **1 set of unions & reductions 12L/15L** for hydraulic connection of the flowmeter according to your configuration

## Technical details

- **1 digital measuring mobile device**
  - color graphic display: displays numeric values of measured quantities and graphic curves
  - elaboration of arithmetic combinations of data collected on the different routes
  - parameterizable sampling
  - memory capacity for 10 minimum recordings
  - data inputs coming from flow rate sensors, temperature, and pressure, or any other source providing analogue signals
  - USB cable and software for archiving and data exploitation on PC
  - batteries
- **1 battery charger**
- **2 pressure sensors HSI...250 bar**
- **1 temperature sensor HIS-25/+ 100°C**
- **1 turbine flowmeter HIS 1.2 to 20 L/min** accuracy 2%
- **1 optical tachometer** for rotational speed measurement
- **1 storage briefcase with foam bottom**
- **Batch of 4 cords M12 HSI** for connection of sensors