



## HYDRAULIC TESTER CDHM Serial

Portable Tester for Pump,  
Motor, Cylinder and Valve.

400L/min, 800L/min.

Low Cost, High Efficiency Test  
Solution



## Flow, Pressure, and Temperature

- Up to 800 lpm
- Up to 420 bar
- Bi-directional

The LERO CDHM serial Hydraulic Tester can be used as a stationary or portable tester for hydraulic system diagnostics, and analysis of the prognostic health of a hydraulic system. It features flow, pressure, and temperature sensors that are monitored by a data acquisition module.

The Hydraulic System Analyzer is powered through the WIFI, making it easy to setup and ideal for portable applications. Interfaced to the MOBILE PHONE application, the Hydraulic Analyzer offers a straightforward method of monitoring system parameters complete with data acquisition.

The turbine flow meter with built-in loading valve is bi-directional and specifically designed to enable the operator to simulate the maximum working pressure safely during normal machine operation.

MODEL	Flow Range	Temperature	Pressure	Port Size	REMARK
	L/min	°C	bar		
CDHM401	10-400 L/min	0-120 °C	0-420 bar	1"BSPP	
CDHM411	10-400 L/min	0-120 °C	0-420 bar	1"BSPP	With Loading Valve
CDHM801	20-800 L/min	0-120 °C	0-420 bar	1-7/8" 12UN	
CDHM811	20-800 L/min	0-120 °C	0-420 bar	1-7/8" 12UN	With Loading Valve

### FLOW MEASUREMENT:

Measured flow of the fluid by the electronic count of an axial turbine designed to minimise pressure drop and the effects of viscosity.

Displays flow in LPM.

Accuracy: 0.5%

### TEMPERATURE:

Measured temperature of the fluid by a thermistor built into the flow transducer and ensure fast response. Displays temperature in °C.

Accuracy:  $\pm 1$  °C

### PRESSURE:

Measured using a built-in pressure transducer rated to 600 bar. Displays pressure in bar.

Accuracy: 0.5%

### POWER:

Calculated power from the flow and pressure, Displaye power in KW.

Accuracy:  $\pm 3$  kW (<100 kW),  $\pm 5$  kW (> 100 kW)

### LOADING VALVE:

The integral loading valve allows pressure loading in bi-directional flow .

### SEALS:

Viton seals compatible with oil, water/oil emulsion are fitted as standard. EP seals for phosphate-ester are available to special order.

### DIMENSION:

**CDHM4:** 240mm Wide, 205mm Deep, 180mm High, Mass 8kg.

**CDHM8:** 240mm Wide, 205mm Deep, 190mm High, Mass 12kg.

### OPERATORS MANUAL:

Full instructions are supplied with each tester

Innovation, Measure, Reliability



**LERO**.cn

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