

HYDAC Electronic Division Announces:**HMG 500
Portable Diagnostic Unit**

The HMG 500 is a portable hand-held measuring unit for ordinary measuring jobs around hydraulic or pneumatic systems. Typical applications are in commissioning, service and maintenance.

The HMG 500 can measure signals of up to 2 transmitters at a time. HYDAC offers special HSI (*HYDAC Sensor Identification*) transmitters for measuring pressures, temperatures, and flow rates that are automatically recognized by the HMG 500. These new HSI transmitters are capable of measuring at 0.1 ms sampling rate with an accuracy of 0.1%. The measuring ranges and units of a these connected transmitters are recorded by the HMG 500. Therefore manual adjustments are no longer required.

At any time the maximum and minimum values of both transmitters can be recorded and displayed. By a simple press of a button, they can be reset. It is also possible to record fast pressure peaks or spikes with the HMG 500's high sampling rates of up to 10,000 values per second. Furthermore, the HMG 500 is capable of displaying the differential of both input signals.

Specifications / Features:

- 2 channel hand-held measuring units for ordinary measuring jobs
- User-friendly 5 button operation
- Large LCD display also showing battery status
- 2 input channels for transmitters with HSI (*HYDAC Sensor Identification*)
- Measuring ranges and units of connected transmitters are automatically recognized therefore no manual adjustment required
- Display of actual values, maximum or minimum values, or differentials (i.e. channel A - channel B)

