

# HMG

Handheld Measuring Device

Art. No. 074.02



The HMG is a handheld measuring device used to record measurements from individual sensors manually. A compact 2-channel display device for easy use measurement in the field – even under difficult conditions on the building site. With optimised reading in raw or converted physical output variables. This device has features such as intuitive 1-button operation, long running time with a set of batteries, a rechargeable battery option and a battery charge display. The backlit, high-contrast screen enables measurements to be read even in darkness and in bright sunlight. The device switches off automatically to maintain battery life. This function can be disabled to monitor measurements or for continuous use. Individual factory programming is also possible for a supply and output unit.

## Functions/Types of power supply

### Channel 1

#### Constant current 1mA:

- All piezoresistive sensors
- PT 100
- PT 1000

#### Constant current 0.1mA

- Thermistors

#### Constant current 1V:

- Potentiometer, linear displacement sensor

#### Current 16 VDC

- 4-20 mA sensor

#### Constant current 5 V:

- Magnetostrictive displacement transducer GWM 30/250

### Channel 2

Channel 2 can be used to measure temperature (AD590). Either pure temperature sensors based on AD590 (TAD) or combined transducers with an integrated AD590.

## Extras

Set of batteries for HMG:  
3 Ni-MH cells 1.2V/2600mAh

## Technical specifications:

Language:	English
Display:	4x20 characters
Protection type:	IP65 (splash-proof)
Dimensions (mm):	165x85x40 (LxWxH mm)
Weight:	320 g
Power supply:	3 x AA batteries (LR6) or 3 x Ni-MH mignon batteries (AA)
Temperature range:	-10 to +50°C
Digitisation:	16 bits
Operating time:	14 h
Charging time with Multi Charger:	3.5 h (Ni-MH)

## Accessories

Plug-in battery charger  
Sensor connection cable  
Sensor adapter cable (suitable for customer's transducer)  
Instruction manual



Fig.: Multi Charger