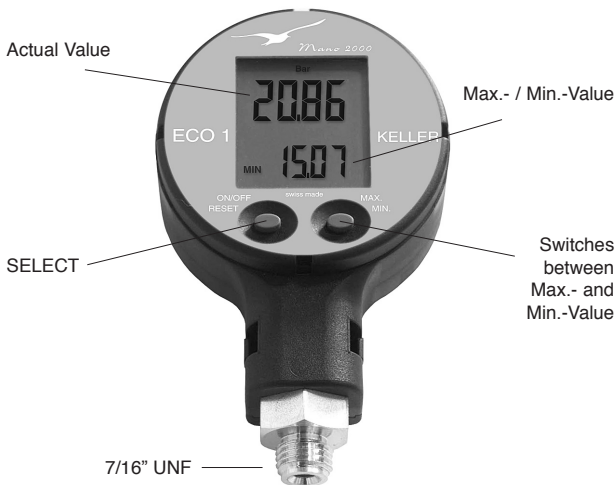


# ECO 1

Digital Manometer with Max.-/Min.-Display.

Accuracy: 0,5% FS typ.



## NOTE

This manometer does not yet have a battery installed. Insert the enclosed battery as shown below. Make sure that the O-ring remains imbedded in the cover.



ECO 1 has two operating keys. The left key is to turn the instrument on and to execute its functions (the functions appear successively on the display as long as the key is pressed and are executed when releasing the key).

The right key is used to switch between the MAX.- and MIN.-value.

After turn-on, the instrument subsequently displays all segments, the software version (year/week) and the full-scale pressure range. After that, it changes into the measuring mode.

The instrument has the following functions:

**RESET:** Max./Min.-value are set to the actual pressure

**OFF:** Turns off the instrument

**ZERO:** Sets a new Zero reference

**CONT:** Deactivates the automatic turn-off function

(this function is activated with factory settings, meaning the instrument automatically turns off 15 min. after the last key function)

## Notes

- 1) If the ZERO- and/or CONT-function is activated, it is indicated on the display. In order to reset the Zero to factory setting and/or to reactivate the automatic turn-off function, press the left key until ZERO and/or CONT disappears.
- 2) If the actual pressure goes beyond the measuring range, OFL (overflow) appears on the display.

## Installation / Battery Change

ECO 1 has 7/16" UNF male thread and is delivered complete with an O-ring seal swivel fitting which allows ECO 1 to be rotated through 360°.

Only minimal tightness is needed to seal up to 300 bar. Process pressure connection is G 1/4" male.



When the battery starts weakening, a low battery warning (BAT LOW) will appear in the upper left corner of the display. For battery change, open the battery compartment and change the battery (type CR 2430). The battery life is 1000 hours in normal measuring mode.

The factory setting of the Zero for the range -1...30 bar is at 0 bar absolute. For sealed gauge pressure measurements, activate "ZERO SEt" at ambient pressure.

Instruments with the range 0...300 bar are calibrated in a sealed gauge mode with 1 bar absolute pressure as a Zero reference.