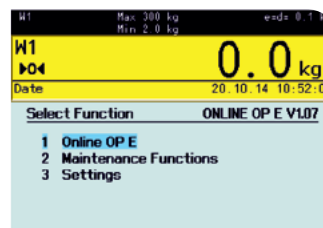


## ONLINE OP Software

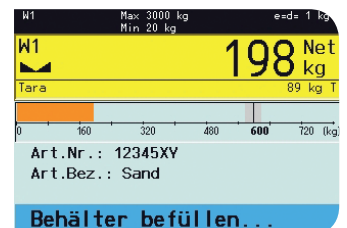
Software for recording weight and operating data at the terminal in the fieldbus which can be calibrated

### Advantages

- Together with other fieldbus devices, up to 127 devices can be connected via a bus cable to a PLC or a PC.
- It can be connected to a scale of any design
- The weight value resolution which can be calibrated and the fast measured value processing of the ONLINE OP enable fast and extremely precise weighing



■ Main menu



■ Online display

# Weighing terminal in fieldbus which can be calibrated



The Höfelmeyer ONLINE OP is software that combines the functions of dosing control and an operator panel in one device. The communication between computer and ONLINE OP takes place via the exchange of data words. Weight values and status information of the scale as well as the signal input states can be read from data words. Functions such as dosing (filling or removal), taring, delete tare, zeroing, displaying text, entering data or setting digital outputs can be controlled by the computer. With ONLINE OP, the coupling of weighing terminal / dosing control to PLC or PC for process control and visualisation is easy. The terminal is connected via fieldbus. The network communication automatically ensures that certain data words of the participants are constantly updated. Commands and information are exchanged by writing and reading these data words. The computer connected always has complete control over the process.

## Control commands

- Record weight with/without standstill control
- Manual taring
- Tare balance
- Zeroing
- Display text (OP function)
- Operator dialogue over several lines
- Bar graph display
- Reading digital input
- Switch on/off digital output

## Security

- Data stored safely against power failure

- Password protection
- Battery buffered real time clock

## Weighing electronics

- Integrated measuring amplifier for connecting DMS weighing cells
- Calibration as single zone or multiple zone scale and as single or multiple pitch scale

## Fieldbus interfaces

- Profibus DP or Profinet or Ethernet/IP or Modbus TCP

## Digital interfaces.

- Opto-insulated inputs/outputs
- Integrated Ethernet interface for data transmission and remote maintenance via internet

## Options

- WiFi possible
- Integrated USB interface for connecting scanner or PC keyboard

### Example of an automatic container scale via PLC

- The PLC describes the data values for setpoint, delay and tolerance
- The PLC sets the command bit "Start fill"
- ONLINE OP controls the automatic dosing, optimises the delay value and writes the actual value into the data word "filling quantity"
- ONLINE OP sets the status bit "Fill finished"



■■■■ trust in measure!

Höfelmeyer Waagen GmbH | Georgsmarienhütte | Hüfingen | Neuss | Hamburg | Berlin | Leipzig  
Tel. +49 5401 4977 0 | Fax +49 5401 4977 90 | waagen@hoefelmeyer.de | www.hoefelmeyer.de

Subject to change.