
 Please refer to the Instruction manual testo 335!

Device connections



- ① **Probe socket:** Connect probes before the measuring instrument is switched on, or switch the instrument off and then on again after a change of probe.
- ② **Flue gas socket:** It is possible to change the probe/sensor even while the measuring instrument is switched on.
- ③ **Mains unit socket**
- ④ **Pressure socket p+** (can only be used with the option "Pressure/flow speed measurement")
- ⑤ **Pressure socket p-** (can only be used with the option "Pressure/flow speed measurement")


Emptying the condensate trap

 The condensate consists of a weak mix of acids. Avoid contact with the skin. Make sure that the condensate does not run over the housing.













 Do not empty condensate trap while pump is operating!



- ① 1 Hold the measuring instrument so that the condensate outlet points up.
- 2 Open condensate outlet in condensate trap: Pull out approx. 5mm or until it will not go any further (①).
- 3 Let the condensate run out into a sink (②).
- 4 Dab off drops at condensate outlet using a cloth.
- 5 Close the condensate outlet.






 The condensate outlet must be fully closed (marking) otherwise incorrect measurements due to inleaking air may result.

Keys functions







- ▶ **Switching the measuring instrument on/off:** .
 - ▶ **Back, Cancel function:** .
 - ▶ **Open Main menu:**  press briefly (changed settings are stored, measurement values are carried over into the menu **Flue gas**).
 - ▶ **Open Measurements menu:**  press and hold down for 2s (changed settings are stored, measurement values are carried over into the menu **Flue gas**).
 - ▶ **Open Inst' diagnosis menu:** .
 - ▶ **Change display light:**  (display light stays on permanently or display light is switched on for 10s every time the key is pressed).
 - ▶ **Printing data:**  (only available if a print-out is possible; printer that is to be used must be activated).
 - ▶ **Saving data:**  or **OK Save input** (only available if saving is possible).
 - ▶ **Calling up a function:** Select the function: ,  and confirm selection: .
-  Functions which cannot be selected (required probe/sensor is not connected) are shown in grey type.

Entering values

List field:

- 1 Select the value to be changed (number, unit): ,  and set the value: , .
- 2 Confirm the input: .

Input editor:

- 1 Select the value (character): , , , .
- 2 Accept the value: .
- 3 Save the input: **OK Save input** → .

Carry out flue gas measurement

The menus **Flue gas + m/s** (flue gas measurement in addition to flow speed by means of a Pitot tube + air/mass flow calculation; the connection cable for the Pitot tube thermocouple should not be connected to the instrument probe socket), and **Flue gas + $\Delta p2$** (flue gas measurement in addition to differential pressure measurement), are only available on instruments with the "Pressure/flow speed measurement" option.

! After measurements with high concentrations and longer measurements, the instrument should be rinsed with fresh air in order to enable the measuring cells to regenerate, see Instruction manual, Chapter *Recommended rising times*.

! For flow speed and differential pressure measurement: Before beginning measurement, configure the location settings (shape and surface area of cross-section, parameters), see Instruction manual, Chapter *Location*. Do not measure for longer than 5 min, as the drift of the pressure sensor means that the readings could be outside the tolerance limits

1  → **Measurements** →  → **Flue gas**
→ .

-or-

1  → **Measurements** →  → **Flue gas + m/s**
→ .


-or-

1  → **Measurements** →  → **Flue gas + $\Delta p2$**
→ .

- Possibly: gas zeroing (32s).

For the functions **Flue gas + m/s** and

Flue gas + $\Delta p2$:

▶ Depressurise the pressure sensor and carry out pressure zeroing with .

If no fuel has yet been selected:


▶ Select the fuel → .

2 Start measuring: .

- The readings are displayed.

3 Stop measuring: .

Saving/printing measurement

▶ Save measurement: .

▶ Print measurement: .

Creating a new folder

Folders are given a unique identification via the folder number. A folder number can only be allocated once. The folder number cannot be changed afterwards.

1  → **Memory** → .

2 **New folder** → .

3 Select **Folder Number** → .

4 Enter values → **OK Save Input** → .

5 Repeat steps 3 and 4 for the other criteria as required.

6 .

Creating a new location

A location is always created in a folder.


1  → **Memory** → .

2 Select the folder →  → **New location** → .

3 Select the **Location name** → .

4 Enter values → **OK Save input** → .

5 Repeat steps 3 and 4 for the other criteria accordingly.

6 **OK Go to measurement** or **OK To location** → .

Activating a location

1  → **Memory** → .

2 Select the folder → .

3 Select the location → .

- The location is activated and the **Measurements** menu is opened.

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