

 Please refer to the Instruction manual testo 330!

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**

Replacing the probe module



- 1 Press the key on the top of the probe handle and remove the probe module.
- 2 Fit a new probe module and engage it in place.

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 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:** 

► **Switching display light on/off:** 

► **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** → .

Enter the smoke tester no./smoke numbers/ oil derivative:

1  → **Measurements** →  → **Smoke #/HCT**
→ .

Steps 2 to 4 are only valid if the chosen fuel is an oil.

2 **Sm. tester no.** →  → Enter pump number → .

3 **Smoke# 1** →  → Enter the value → .

4 Repeat step 3 for the other smoke numbers and oil derivative as required.

5 **Heat carrier** →  → Enter the value → .

6 Copy the values to the flue gas menu:
OK Save input → .

- The **Measurements** menu is opened.

 The values are not shown on the instrument's display. They can be stored with the measurement log () , printed out () or transferred to a Pocket PC/PC.

Carry out draught measurement

A flue gas probe must be connected.

 The pressure socket of the instrument must be free (i.e. unpressurised, not closed).

1  → **Measurements** →  → **Draught**
→ .

2 Start measuring: .

- Draught zeroing (5s).

3 Position the flue gas probe in the hot spot (area of the highest flue gas temperature). The display showing the maximum measured flue gas temperature (FT) helps when positioning the probe.

- The reading is displayed.

4 Stop measuring: .

- The reading is recorded.

5 Copy the reading to the **Flue gas** menu: .

- The **Measurements** menu is opened.

Carry out flue gas measurement

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

- Possibly: Gas zeroing (30 s).

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 location

Locations are identified by a unique location name. Each location name can only be allocated once.

1  → **Memory/Location** → .

2 **New Location** → .

3 Select **Location name** → .

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

5 Execute steps 3 and 4 for the other criteria accordingly (only testo 330-2, -3).

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

Activating a location

1  → **Memory/Location** → .

2 Select the location → .

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

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