Application information **en**

Please read this documentation through carefully and familiarise yourself with the operation of the product before putting it to use. Keep this document to hand so that you can refer to it when necessary. Please refer to the Instruction manual on the analyser.

Intended use

Measurement of $CO/CO_2/O_2$ mean value to determine undiluted CO level in the flue gas of gas furnaces

The multi-hole probe can be used in universal applications and has a continuous working range in flue gas probes with a diameter of 60 to 300 mm (0554 5762) or 60 to 180mm (0554 5763).

The whole cross-section is measured up to a gas pipe diameter of 200 mm. In the case of measurements in flue gas pipes with a diameter of more than 200 mm, markings guarantee that the measuring field is located in the middle of the flue gas pipe (0554 5762 only).

Operation

! In order to avoid damage, the probe pipe lock must be released before the probe pipe is pulled out or pushed back again.

1 Release probe pipe lock by turning the probe stop.

2 Turn the probe pipe so that the openings point against the flue gas flow. For this purpose pull out the probe pipe as far as it will go, turn it into the required position and push it back again.

3 Flue gas pipe diameter up to 200mm:
Pull the probe pipe a little further out than the diameter of the flue gas pipe to be measured.

Flue gas pipe diameter more than 200mm (0554 5762 only):
Pull out the probe pipe until the tip of the probe holder corresponds to the respective marking:

- 1. Marking: 200 mm
- 2. Marking: 250 mm
- 3. Marking: 300 mm

4 Close probe pipe lock by turning the probe stop, tighten probe stop somewhat.

5 Insert multi-hole probe as far as probe stop in the measurement opening and measure.

Caution!

Hot metal parts!

Can cause burns.

▶ Let probe stop and probe pipe cool down after the measurement before touching them.

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