

We measure it.



## Ambient CO-/CO<sub>2</sub> measuring instrument

testo 315-3 – Parallel measurement of CO and CO<sub>2</sub> in ambient air according to European standard EN 50543

---

Parallel and direct CO-/CO<sub>2</sub> measurement

---

TÜV-tested according to EN 50543

---

Convenient, easy handling

---

Measurement values transferrable to the testo 330 (V2010)

---

Data printout on site

---



°C

%RH

ppm  
CO<sub>2</sub>

ppm  
CO



### Precision – from the sensor to the housing

With a highly accurate electrochemical sensor for CO measurement and a shock-resistant infrared CO<sub>2</sub> sensor, the measuring instrument testo 315-3 is state-of-the-art technology. It is excellently equipped to resist external influences by its robust design and the optionally available TopSafe. And that's not all. During the measurement, optical and audible signals let you know immediately whether the variably adjustable limit values have been exceeded.

Thanks to the wireless data transfer via IrDA or Bluetooth, you can transfer your measurement data directly to the flue gas analyzer testo 330, or print them out. Your customers receive a special service: the results are presented directly on site. The Auto-off function and a Lithium polymer rechargeable battery ensure that the instrument, thanks to its long running time, can be used for long periods without using unnecessary power.

## Technical data

### testo 315-3 without Bluetooth

testo 315-3 ambient CO/CO<sub>2</sub> measuring instrument without Bluetooth incl. USB mains unit and cable

Part no. 0632 3153



### testo 315-3 Bluetooth

testo 315-3 CO/CO<sub>2</sub> measuring instrument with Bluetooth incl. USB mains unit and cable

Part no. 0632 3154

#### General technical data

|                  |                                                                                                                                                                                                                                    |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage temp.    | -20 to +60 °C / -4 to +140 °F                                                                                                                                                                                                      |
| Oper. temp.      | 0 to +40 °C / +32 to +104 °F                                                                                                                                                                                                       |
| Oper. humidity   | 0 to 95 %RH                                                                                                                                                                                                                        |
| Protection class | IP40 acc. to EN 60529                                                                                                                                                                                                              |
| Power supply     | Lithium polymer battery pack                                                                                                                                                                                                       |
| Battery life     | 10 h measurement time (at +20 °C/+68 °F) / Mains operation possible                                                                                                                                                                |
| Battery charging | In instrument via charger                                                                                                                                                                                                          |
| Interface        | IrDA interface / optional: Bluetooth                                                                                                                                                                                               |
| Permit           | Acc. to EN 50543                                                                                                                                                                                                                   |
| EC guideline     | 2004/108/EC                                                                                                                                                                                                                        |
| Dimensions       | 190 x 65 x 40 mm                                                                                                                                                                                                                   |
| Weight           | 200 g                                                                                                                                                                                                                              |
| Warranty         | Instrument: 24 months<br>Rech. battery: 12 months<br>CO sensor: 12 months<br>CO <sub>2</sub> sensor: 12 months<br><br>Warranty conditions see internet page:<br><a href="http://www.testo.com/warranty">www.testo.com/warranty</a> |

| Sensor type                 | Meas. range                    | Accuracy ±1 digit                                                                             | Resolution        |
|-----------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|-------------------|
| CO sensor                   | 0 to 100 ppm                   | ±3 ppm (0 to 20 ppm)<br>±5 ppm (>20 ppm)                                                      | 0.5 ppm           |
| CO <sub>2</sub> sensor      | 0 to 10.000 ppm                | ±300 ppm (0 to 4.000 ppm)<br>±8% of mv (4.000 to 6.000 ppm)<br>±500 ppm (6.000 to 10.000 ppm) | 10 ppm            |
| Temperature/humidity module | +5 to +95 %RH<br>-10 to +60 °C | ±2.5 %RH (5 to 95 %RH)<br>±0.5 °C (±1 Digit)                                                  | 0.1 %RH<br>0.1 °C |

# Accessories

| Accessories                                                                                                              |           | Part no. |
|--------------------------------------------------------------------------------------------------------------------------|-----------|----------|
|                                                                                                                          |           |          |
| Accessories for measuring instrument                                                                                     |           |          |
| Temperature/humidity module Ø 25 mm, plug-in                                                                             | 0636 9725 |          |
| USB mains unit incl. cable                                                                                               | 0554 1105 |          |
|                                                                                                                          |           |          |
| Transport and Protection                                                                                                 |           |          |
| Topsafe testo 315-3                                                                                                      | 0516 0223 |          |
| Case for secure storage of measuring instrument                                                                          | 0516 0191 |          |
|                                                                                                                          |           |          |
| Printer and Accessories                                                                                                  |           |          |
| Testo fast printer IRDA with wireless infrared interface; 1 roll thermal paper; 4 AA batteries                           | 0554 0549 |          |
| BLUETOOTH printer set with wireless BLUETOOTH interface; incl. 1 roll thermal paper, rechargeable battery and mains unit | 0554 0553 |          |
| Spare thermal paper for printer, permanent ink                                                                           | 0554 0568 |          |
|                                                                                                                          |           |          |
| Additional accessories                                                                                                   |           |          |
| Control and adjustment set for humidity sensors (11.3 %RH and 75.3 %RH)                                                  | 0554 0660 |          |



Topsafe testo 315-3



Temperature/humidity module Ø 25 mm, plug-in



Case for secure storage of measuring instrument (without content)



Testo fast printer IRDA with wireless infrared interface

