

# TESTO 230

## The Testo 230 Compact pH/°C Meter

The **testo 230** combines a complete pH measuring instrument and a high standard thermometer in a compact, waterproof housing. The redox voltage and also be determined by connecting the redox electrode type 06.

The instrument has automatic temperature compensation and can be calibrated in the pH range with standard and also with DIN buffers.

- Latest probe technology for almost every application
- pH/°C electrodes are connected via a single plug-in connection
- Easy, user friendly operation
- Displays calibration data and error messages
- **New! Robust pH and temperature probes for meat.**

### Special pH electrodes for every application:

Accurate pH measurements in aqueous solutions such as acids and electrolytes

pH measurements in critical environments using **type 05 pH**. The diaphragms usually used (very small pores) become blocked when used in suspensions, emulsions or solutions with proteins. The new obstruction-free single pore diaphragm (a large pore) guarantees:

- fewer problems with dirt
- high accuracy levels
- shorter response times

The **type 03 pH** electrode is ideal for penetration measurements in solids or semi-solids. The pore diaphragm (a very large pore) is of particular advantage in this type of application.

The **type 13 pH** electrode is designed for solid or semi-solid foodstuff, with break-proof plastic coating around the glass electrode and food-proof electrode. Not affected by dirt thanks to hole diaphragm.



Accurate pH measurement in aqueous solutions such as acids or alkalines.



Food set for solid/semi-solid food.

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|------------------------|---|
| <b>Technical Data:</b> | Testo 230   |
| Sensor:                | pH, Redox electrodes and temp. (NTC)  |
| Measuring Range:       | 0 to 14 pH<br>-50 to 150°C (-58 to 302°F)<br>±1999mV  |
| Accuracy:              | ±0.01pH<br>±0.4°C (-50 to -25.1°C)/ ±0.7°F (-58 to -13.1°F)<br>±0.2°C (-25 to 74.9°C)/ ±0.4°F (-13 to 166.9°F)<br>±0.4°C (75 to 99.9°C)/ ±0.7°F (167 to 211.9°F)<br>±0.5% of m.v. (100 to 150°C/212 to 302°F)<br>±1mV (0 to ±999mV)<br>±2mV (±1000 to ±1999 mV) |
| Storage Temperature:   | -20 to 70°C (-4 to 158°F)   |
| Protection Class:      | IP54  |
| Warranty:              | Instrument: 2 years; Probe: 1 year  |

### Features:

- User friendly
- pH/°C/°F electrodes are connected via one plug-in connection
- Rugged and splashproof
- Large display
- Latest probe technology for practically every application
- Display of calibration date and error messages