

# pH/temperature measuring instrument

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Ideally suited to applications in liquid and semi-solid media (e.g. in the food sector)

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Built-in temperature sensor

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Maintenance-free gel electrolyte

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Rugged, waterproof and dishwasher-safe protective cover (TopSafe, protection class IP65)

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Automatic final value recognition (auto-hold)

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2-line, illuminated display

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1, 2 or 3 point calibration

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The testo 206 series is ideally suited for applications in liquid and semi-solid media. The instruments stand out thanks to the combination of a pH immersion probe and a temperature probe for precise and fast temperature compensation. Thanks to the large volume of gel electrolyte and the dual wall diaphragm, the probe is leak-proof, maintenance-free and resistant to dirt. The automatic final value recognition supports the user during measurement. The TopSafe protective cover provides the instruments with IP68 protection. It is dishwasher-safe, hygienic, and protects the measuring instrument from dirt, water and impact.

The testo 206-pH1 is specially designed for fast pH checks in liquids.

The testo 206-pH2 is ideally suited for pH measurement in semi-solid and protein-rich foods such as jellies, creams, cheese, fruit etc.

The testo 206-pH3 is equipped with a BNC socket which allows the connection of any pH probes to the instrument, depending on the application. This makes the instrument universally applicable.

## Technical data / Accessories

### testo 206 pH1

Set testo 206-pH1, one-hand pH/Temp. measuring instrument, protection class IP68, incl. storage cap with gel, TopSafe and belt/wall holder

Part no. 0563 2061



### testo 206-pH1 Starter Set

Starter set testo 206-pH1, one-hand pH/Temp. measuring instrument, pH1 probe head for liquids, incl. storage cap with gel, calibration dosing bottles 8.45 oz (250 ml) pH 4 and 7, TopSafe, belt/wall holder and aluminium case

Part no. 0563 2065

#### Sensor type pH electrode

Measuring range	0 to 14 pH
Accuracy ±1 digit	±0.02 pH
Resolution	0.01 pH

#### Sensor type NTC

Measuring range	32 to 140 °F (0 to +60 °C) Short-term to 176 °F (+80 °C) max. 5 min
Accuracy ±1 digit	±0.7 °F (±0.4 °C)
Resolution	0.1 °F (0.1 °C)

#### General technical data

Operating temperature	32 to 140 °F (0 to +60 °C)
Storage temperature	-4 to 158 °F (-20 to +70 °C)
No. meas. channels	2 channel
Temperature compensation	Automatic
Meas. rate	2 measurements per second
Battery type	1x CR2032
Housing material	ABS with TopSafe, Protection type IP 68
Battery life	80 h (Auto Off 10 min)
Dimensions	7.75 x 1.29 x 0.78 in. (197 x 33 x 20 mm)
Weight	2.43 oz. (69 g)
Display	LCD, 2 lines



Easy exchange of probes with testo 206-pH1/-pH2/-pH3



testo 206-pH1:  
pH1 probe head for liquids



Ideally suitable for monitoring heating system water according to VDI 2035.

#### Accessories

#### Part no.

#### Accessories for measuring instrument

Spare pH probe for testo 206 incl. gel storage cap	0650 2061
Storage cap for testo 206 with KCl gel filling	0554 2067
Lithium battery button cell	0515 5028
pH buffer solution 4.01 in dosing bottle 8.45 oz (250 ml)	0554 2061
pH buffer solution 7.00 in dosing bottle 8.45 oz (250 ml)	0554 2063

## Technical data / Accessories

### testo 206-pH2

Set testo 206-pH2, one-hand pH/Temp. measuring instrument, pH2 probe head for semi-solid substances, incl. storage cap with gel, TopSafe and belt/wall holder

Part no. 0563 2062



#### General technical data

Operating temperature	32 to 140 °F (0 to +60 °C)
Storage temperature	-4 to 158 °F (-20 to +70 °C)
No. meas. channels	2 channel
Temperature compensation	Automatic
Meas. rate	2 measurements per second
Battery type	1x CR2032
Housing material	ABS with TopSafe, Protection type IP 68
Battery life	80 h (Auto Off 10 min)
Dimensions	7.75 x 1.29 x 0.78 in. (197 x 33 x 20 mm)
Weight	2.18 oz. (62 g)
Display	LCD, 2 lines

### testo 206-pH2 Starter Set

Starter set testo 206-pH2, one-hand pH/Temp. measuring instrument, pH2 probe head for semi-solid substances, incl. storage cap with gel, calibration dosing bottles 8.45 oz (250 ml) pH 4 and 7, TopSafe, belt/wall holder and aluminium case

Part no. 0563 2066



Ideal for the testing and care of water-based coolant-lubricants (according to BGR 143).

testo 206-pH2:  
pH2 probe head for semi-solid food

#### Sensor types

	pH electrode	NTC
Measuring range	0 to 14 pH	32 to 140 °F (0 to 60 °C) Short-term to 176 °F (+80 °C) max. 5 min
Accuracy ±1 digit	±0.02 pH	±0.7 °F (±0.4 °C)
Resolution	0.01 pH	0.1 °F (0.1 °C)

#### Accessories

#### Part no.

##### Accessories for measuring instrument

Accessories for measuring instrument	Part no.
Spare pH probe pH2 for testo 206 incl. gel storage cap	0650 2062
Storage cap for testo 206 with KCl gel filling	0554 2067
Lithium battery button cell	0515 5028
pH buffer solution 4.01 in dosing bottle 8.45 oz (250 ml)	0554 2061
pH buffer solution 7.00 in dosing bottle 8.45 oz (250 ml)	0554 2063

# Technical data / Accessories

## testo 206-pH3

Set testo 206-pH3, one-hand pH/Temp. measuring instrument, pH3 probe head with BNC interface, incl. TopSafe and belt/wall holder

Part no. 0563 2063



Sensor type	pH electrode / NTC
Measuring range	0 to 14 pH 32 to 176 °F (0 to +80 °C) depending on the pH probe used
Interface	BNC

General technical data	
Operating temperature	32 to 140 °F (0 to +60 °C)
Storage temperature	-4 to 158 °F (20 to +70 °C)
Battery life	80 h (Auto Off 10 min)
Dimensions	7.75 x 1.29 x 0.78 in. (197 x 33 x 20 mm)
Weight	2.43 oz. (69 g)
Display	LCD, 2 lines



testo 206-pH3:  
pH3 probe head with BNC interface

Accessories	Part no.
<b>Accessories for measuring instrument</b>	
pH universal plastic electrode without temperature sensor	0650 2063
pH universal plastic electrode with temperature sensor	0650 2064
Glass pH electrode with temperature sensor	0650 1623
pH food electrode without temperature sensor	0650 0245
Lithium battery button cell	0515 5028
Storage solution for pH-electrode, 1.69 oz (50 ml)	0554 2318
pH buffer solution 4.01 in dosing bottle 8.45 oz (250 ml)	0554 2061
pH buffer solution 7.00 in dosing bottle 8.45 oz (250 ml)	0554 2063

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