



Carrying case,
with all required
elements for work.

Industrial quality,
easy-to-use keypad.

IP67 protection.

MP-5 connector.
5 contact multipin.

LCD display
backlit, with
pictograms.

Ergonomic and robust instrument, IP67 waterproof; resistant to harsh working conditions.
PH 25+ highlights with easy operation, high quality and excellent price.

The carrying case includes all necessary accessories to ensure accurate measurement. Instrument can be seated at an angle for convenient viewing of the display; sensor and the calibration flasks are held on upright position for easy calibration and measurement.

KIT versions are available that include carrying case, accessories and sensor.

A wide range of high quality sensors that cover all types of applications, from low ionic strength to viscous, dirty samples.

CRISON offers highly specialized and professional technical support.

The instruments have 5 years guarantee and the support of fast quick after-sales service.

Authorised CRISON dealer:

Specifications

Parameters	pH	mV	Temperature
Measuring range	-2.00...19.99	± 1400	-20...150 °C (-4... 302 °F)
Resolution (±1 digit)	0.01	1/0.1	0.1 °C (0.1 °F)
Measurement error (±1 digit)	≤ 0.01	≤ 1	≤ 0.2 °C (≤ 0.4 °F)
Reproducibility (±1 digit)	± 0.01	± 1	± 0.1 °C (± 0.1 °F)

Input impedance

> 10¹² Ω. The switch from high to low impedance is made in the electrode connector.

Temperature compensation

With built-in Pt1000 temperature sensor.

pH calibration

With 1, 2 or 3 buffers selectable between: 2.00, 4.01, 7.00, 9.21 and 10.01 (at 25 °C).

Automatic recognition of pH values of buffers at different temperatures.

Manual calibration at any pH value.

Theoretical calibration (factory settings).

mV calibration

With 1 standard, 220 mV (at 25 °C).

Automatic recognition of mV values of standard at different temperatures.

Manual calibration at any mV value.

Theoretical calibration (factory settings).

Temperature readjustment

Correction of the temp. probe deviation (C.A.T.) at 25°C and 85°C

Measuring mode

By stability and in continuous.

Connector

MP-5, 5 contacts multipin.

Display

Liquid crystal, backlit, with pictograms.

Keypad

Membrane, 6 keys

Ambient conditions

Operating temperature: 0 °C to 50 °C

Storage temperature: -15 °C to 65 °C

80% relative humidity (non-condensing)

Directives low voltage and EMC

According to CE, UNE-EN 61010-1 and UNE-EN 61326-1.

Energy management

Automatic power off after 5 minutes of inactivity (this option can be disabled by the user).

Power supply

3 x 1.5V, type AA batteries. Autonomy of over 500 hours

Enclosure

Material ABS. Degree of protection IP 67.

Physical parameters

Weight 300 g. Size 186 x 73 x 38 mm.

Specifications subject to change without notice.



Recommended electrodes

- Fixed cable electrodes (1 meter) with ergonomic handle.
- With MP-5 connector (5 contacts).
- Suitable for most applications.
- The storage protector screws directly on handle.
- **T** versions with built-in temperature sensor.

50 50 & 50 50 **T**, Low Cost.

For general use, plastic body.
pH 0 ... 14, Temp. 0 ... 80 °C.

50 51 & 50 51 **T**, For difficult media.

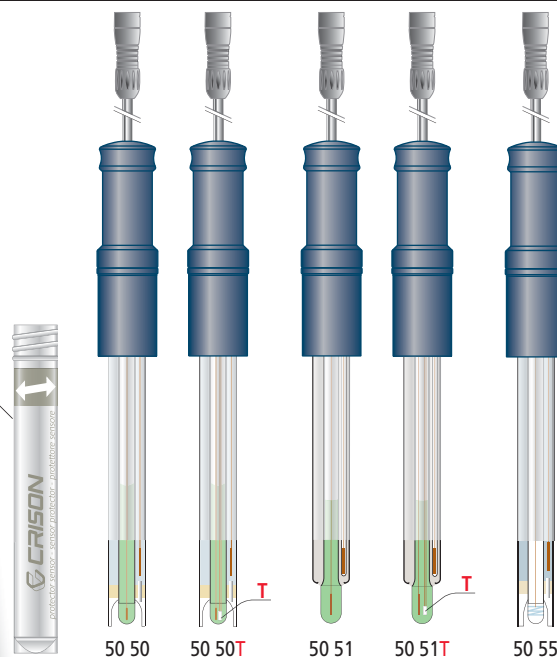
Open diaphragm, glass body.
pH 2 ... 14, Temp. 0 ... 80 °C.

50 55, Redox.

Platinum electrodes (**Pt**), plastic body.
± 2000 mV, Temp. 0 ... 80 °C.

T= temperature sensor

Storage protector



i
Ask for puncture electrodes
and other applications

How to order

Code	Description	Included accessories
25 02	PH 25+, with accessories, without electrode.	
25 50	Complete kit: PH 25+, with accessories & electrode 50 50	• Carrying case..
25 50 T	Complete kit: PH 25+, with accessories & electrode + temp. sensor 50 50 T	• Solutions: pH 4, pH 7, pH 9, KCl and Redox 220 mV.
25 51	Complete kit: PH 25+, with accessories + electrode 50 51	• Calibration tubes
25 51 T	Complete kit: PH 25+, with accessories & electrode + temperature sensor 50 51 T	• Flasks for sample and sensor cleaning.
25 55	Complete kit: PH 25+, with accessories + electrode 50 55 (Redox).	• Working protector (only with electrodes 50 51, 50 52 and its T versions).
		• User manual.