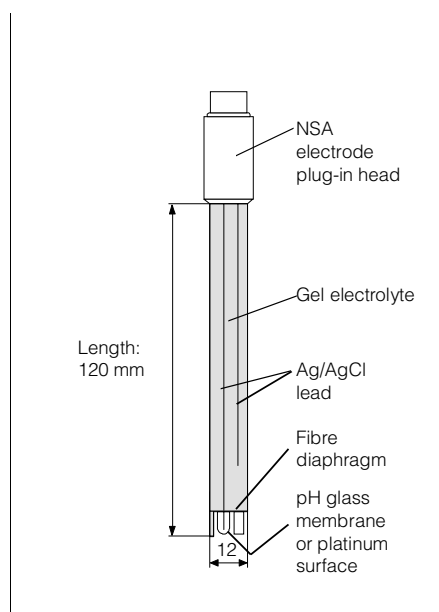


Electrodes for pH/Redox measurement

norylab CPS 51/52

pH/Redox electrode family for portable and lab instruments



Areas of application

The Norylab CPS 51 electrodes are used exclusively with portable or laboratory instruments. When used with the portable pH/Redox instrument CPM 381 these electrodes permit intermittent pH checks to be performed in the field whenever required. Norylab CPS 51/52 electrodes can be used for laboratory measurements in conjunction with commercially available laboratory instruments.

The following electrode families are available for continuous operation under field conditions:

Orbisint CPS 11/12/13,
Orbitex CPS 21/22/23,
Ceratex CPS 31/32/33,
Ceraliquid CPS 41/42/43, and single
CPS 64/65 pH/Redox electrodes.

Benefits at a glance

- Plastic shaft, resistant to mechanical stress, make it particularly suitable for pH measurement checks in the field.
- Gel-filled, refilling with KCl electrolyte not required.
- With integrated temperature sensor for genuine temperature-compensated pH measurement.
- Handy for comparative pH/Redox measurements together with a portable instrument.
- Can be connected to all commercially available portable or laboratory instruments via a standard electrode connection head or via a DIN connector.

Technical data

Electrical connection

Plug-in head NSA head for laboratory applications
. FDA head with fixed cable
. TKA head, for plastic electrodes with temperature sensor
Shaft length / diameter 120 mm / 12 mm
Shaft material plastic

Reference system

Metal lead Ag/AgCl
Electrolyte gel 3 mol KCl, AgCl-free
Diaphragm fibre
Temperature sensor / material NTC, Pt 1000 / zirconium
Temperature range -5 °C ... +80 °C
Pressure unpressurized
Membrane glass UNITEC
pH range pH 0,5...12
Redox electrodes metal platinum surface

How to order

pH electrodes Norylab CPS 51

Type

- 1 pH combination electrode / $E_o = 7.0$ (not TKA connection head)
- 7 pH combination electrode / $E_o = 7.0$ / with NTC (not NSA connection head)

Membrane

EK Unitec

Shaft length

2 Shaft length: 120 mm

Connection head

TKA Triaxial threaded plug-in head
NSA Standard plug-in head
FDA Fixed cable 1.5 m / DIN- plug

CPS 51-

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← Complete order code

pH electrodes Norylab CPS 52

Type

- 0 Redox combination electrode

Membrane

PK Platinum surface

Shaft length

2 Shaft length: 120 mm

Connection head

NSA Standard plug-in head

CPS 52-

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← Complete order code

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