

рН-метры СР-401

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

WATERPROOF pH-METER CP-461

CP-461 pH-meter belongs to the newest generation of meters. It is distinguished by a large 3,2" colour graphic touch screen.

Characteristic features:

- The meter is designed for highly accurate measurements of: pH, redox potential and temperature.
- It may be used for the field measurements as well as during accurate laboratory work.
- Low weight and small size make working in the field easier.
- Waterproof housing (IP-66) enables working in difficult conditions.
- "HOLD" function to freeze the result on the display.
- Signalisation of the result stabilisation with the "READY" symbol and a sound.
- Possibility of sending a calibration report to a PC - up to 10 last calibrations.
- Depending on the kind of applied electrode it may be used for clean water, sewage, soil, pastes, paints, cheese, milk, meat, etc.



- Calibration of the pH electrode in 1 ÷ 5 points.
- Automatic detection of buffer solutions, their values may be set by the user.
- Automatic correction of the pH sample solution value changes along with the temperature changes for NIST standards, what eliminates the necessity to adjust the temperature.
- Automatic or manual temperature compensation.
- Possibility of storing characteristics of 3 pH electrodes enables their quick replacing - very useful feature during field work.
- Automatic control of the electrode's condition.
- Easy readout of the electrode's parameters (buffer and slope).

- Precise redox potential measurement (accuracy 0.1mV).
- Possibility of mV measurement in relation to the set or measured reference potential (Vref).
- Memory of 3 different temperature sensors parameters.
- It is possible to enter the group of selective temperature sensor what increases the measurement accuracy.

Other features:

- Internal clock with date.
- Collecting up to 2000 data sets in the internal datalogger with temperature, time and date, single collecting and also taking series of measurements possible.
- Non-volatile memory of the stored results and calibration data.
- Storing the next calibration date.
- Possibility of choosing the language: Polish , English or German.
- Possibility of connecting with a PC by a micro USB output.
- Powered by rechargeable batteries or power adapter with USB - micro USB cable.
- The rechargeable batteries are charged internally.
- Continuous work time without charging up to 18 hours depending on the chosen brightness of the screen.
- The meter meets the GLP requirements.
- 24 months of warranty for the meter.

The standard set includes **CT2S-121** temperature sensor with **Pt-1000S** resistor with **EPS-1** pH electrode for measurements in clear water, which should not be used in other types of liquid. Measurements in liquid with sediment should be made with use of **IJ44A** pH electrode, which enables measurements in various samples of both pure and contaminated liquids and semi-solids. Its unusual construction ("intermediate junction") protects the real junction (diaphragm) of the electrode against clogging, ensures stable measurements in these types of liquids or semi-liquid mass, in which other electrodes stop working quickly. When properly handled, the electrode's lifetime is longer than the standard electrodes.

TECHNICAL DATA

Function:	pH	Redox / mV	Temperature
Range:	-6.000 ÷ 20.000 pH	± 2000 mV	-50.0 ÷ 200.0°C
Resolution	0.001 pH or 0.01 pH	0.1 mV	0.1 °C
Accuracy (± 1 digit)	± 0.002 pH*	± 0.1 mV*	± 0.1 °C**
Temperature compensation	-5 ÷ 110 °C	-	-
Input impedance	10 ¹² Ω	10 ¹² Ω	-
Power supply	2 x 1.2 V AA rechargeable batteries, 5 V / 1000 mA micro USB power adapter		
Weight	250 g		
Dimensions (mm)	L=149 W=82 H=22		

*The accuracy of the meter only.

**The accuracy of the meter only. The total error includes the meters and probe's accuracy.
In the range 0 ÷ 100 °C the acceptable error of the probe with Pt-1000S resistor: ±0.27 °C.

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93