



Sension+ PH31 GLP Laboratory pH and ORP Meter with Electrode Stand, Magnetic Stirrer and Accessories with pH Electrode for Low Ionic Strength Samples

Product #:

LPV2121T.97.002

OBSOLETE ITEM

This item is no longer available.

Suggested replacements:

- HQ440D

Hach Sension+: Fast and simple measurements

Hach Sension+ family:

Fast results: Provided by the right choice of quickly responding electrodes for your application, integrated laboratory systems or unique multi probes with up to 4 parameters by 1 click for field applications.

Maximum simplicity: Sension+ systems come complete with everything you need to start testing.

Ease of use operation, either with superior field usability or fully integrated laboratory set up:

Sension+ simplifies your measurement tasks!

Fast pH measurements

Fast performing combined pH electrode with integrated PT1000 temperature sensor for low conductivity samples.

For samples with colloids, wine, paintings, highly viscous samples, emulsions, creams, etc.

Maximum simplicity by integrated lab systems eliminating complex testing steps.

A guided navigation menu allows you to follow simple prompts to set up your measurements thus reducing the time necessary to start testing, and improving the accuracy of measurements.

Maximum simplicity: Sension+ kits come complete with everything you need to start testing.

Sension+ laboratory kits include meter, probe, integrated probe holder, integrated stirrer, buffers and all required accessories.

Fast measurements for high sample volumes by lab automation option.

PC control option (LabCom Software) and sample changer option.

Printer/PC Output

Determination of the electrode's isopotential is important for pH measurements at high temperatures.

Specifications

AC Power Adapter and USB/DC Adapter: Yes

Accuracy: ± 1 digit

Automatic Buffer Recognition: IUPAC standards (DIN 19266) or Technical buffer (DIN 19267)

Backlight: Yes

Calibration Intervals/Alerts/Reminder:	Reminder 1 hour to 7 days
Compliance Certifications:	CE.WEEE
Conductivity Accuracy:	-
Conductivity measurement: Temperature correction:	-
Conductivity Range:	-
Conductivity resolution:	-
Data Export:	Yes
Data storage:	Date and time, instrument ID, sample ID
Dimensions (H x W x D):	110 mm x 350 mm x 201 mm
Display:	128 x 64 pixel
Display Type:	Backlit Graphical LCD
DO Measurement Range:	-
DO Resolution:	-
DO sensor calibration:	-
Electrode stand:	Yes
Environmental Conditions: Relative Humidity:	< 80 % relative humidity (non-condensing)
Environmental Conditions: Temperature:	0 - 40 °C (41 - 104 °F)
GLP Features:	Yes
Inputs:	1 pH/ORP; 1 Ref; 1 Temp. Pt1000; 1 Magnetic stirrer (Integrated); Printer or PC; External Keyboard
Interface Languages:	English, German, French, Spanish, Italian, Portuguese
Internal Data Storage:	330
Kit?:	Yes
Length:	-
Measuring Range ORP:	±2000 mV
Model:	pH31
mV Measurement Range:	±2000 mV
mV Resolution:	0.1 mV
Operating Interface:	Keypad
Outputs:	RS232
Parameter:	pH, mV, ORP/Redox, Temperature
PC Data Transfer Software :	Yes, Optional
pH Accuracy:	≤0.002 pH
pH Electrode calibration:	1 to 3 points calibration within selected buffer set or user defined buffer
pH Measurement Range:	-2.00 - 16.00 pH
pH Resolution:	0.001/0.01/0.1 pH
Power:	External power supply 100-240 V, 0.4 A, 47-63 Hz with plug adapters
Printer:	Yes, Optional
Probes included:	5021T Electrode
Resistivity Accuracy:	-
Resistivity Measurement:	-
Resistivity Resolution:	-
Resolution:	pH: 0.001
Result ID:	Yes

Salinity Measurement Range:	-
Salinity Resolution:	-
Simultaneous measurements:	-
TDS Measurement Range:	-
TDS Resolution:	-
Temperature Accuracy:	≤ 0.2 °C
Temperature Compensation:	Manual or Automatic
Temperature Measurement:	-20.0 - 150.0 °C (-4.0 - 302.0 °F)
Temperature resolution:	0.1 °C (0.1 °F)
Warranty:	36 months
Weight:	1100 g
What's included?:	Includes: Sension+ pH31 GLP laboratory pH meter with integrated magnetic stirrer and probe holder, power supply with interchangeable plugs, Sension+ 5021T pH combination electrode with temperature sensor, pH4, pH7 and pH10 calibration standard solutions, 125 mL, KCl electrolyte solution 50 mL, 3 calibration beakers and printed documentation

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