

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.98.002**

AED Price: Contact Hach

Laboratory GLP meter with clog-free pH and temperature electrode. For low ionic strength, colloidal, cream samples, and emulsions.

An all in one system with guided menu navigation makes general electrochemistry testing fast and simple. Each system is designed to be used in a wide variety of applications.

Includes magnetic stirrer, sensor holder, solutions (pH 4, pH 7, pH 9 and KCl), calibration flasks with magnetic stirring bar and user manual.

Comprehensive Lab station
Functional design with all essential accessories

Reproducable conditions, easy to use.
Electrode holder and magnetic stirrer integrated (and controlled by instrument UI).

Low consumable demand.
Labelled calibration flasks minimize the required buffer volume

Precise and cost-efficient system.

Specifications

AC Power Adapter and USB/DC Adapter:	Yes
Accuracy:	±1 digit
Auto-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 range:	-
Conductivity measurement: Temperature correction:	-
Conductivity resolution:	-
Data logger:	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 result storage capacity:	330
Kit?:	Yes
Length:	-
Measuring range:	±2000 mV
Model:	pH31
mV measurement range:	±2000 mV
mV resolution:	0.1 mV
Operating Interface:	Keypad
Output:	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 measurement:	-
Resolution:	ORP: 0.1 mV
Result ID:	Yes
Salinity measurement range:	-
Salinity resolution:	-
Simultaneous measurements:	-
TDS measurement range:	-
Temperature accuracy:	≤ 0.2 °C
Temperature compensation:	Manual or Automatic
Temperature measurement range:	-20.0 - 150.0 °C (-4.0 - 302.0 °F)
Temperature resolution:	0.1 °C (0.1 °F)
Warranty:	36 months
Weight:	1100 g
Width:	13,8 in