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pH 7 | Portable pH Meter

Electrochemistry on the Move
The Portable Solution

LABQUEST®

SMART • RUGGED • PRACTICAL

pH 7
pH - mV - ORP - Temperature

General features



Professional portable pHmeter with innovative high-resolution color backlit display, suitable to work in any conditions, thanks also to the possibility to adjust automatically and manually contrast and brightness of the display. The guide onboard in setup and calibration mode allows a simple and intuitive use
of the device. Automatic pH calibration with USA and NIST buffers up to 3 points and 2 points custom defined by the user.
Automatic ORP calibration in 1 point. Indication with icons of the calibrated points. Measurement stability indicator and possibility of selecting 3 levels of stability. All operations and errors are constantly monitored and shown to the operator via the colored LED above the display.



New Display

The new high-resolution display shows all the useful information, including the buffer used for calibration and the stability icon. Through guided procedures it makes the user experience intuitive and safe, as well as extremely performing.

DHS Digital High Sensor

Digital High Sensors are the new pH sensors with internal chip that store parameters, date of last calibration, model and production batch of the electrode. After a new calibration of the DHS electrode, the data is automatically stored in the electrode chip. If we move this electrode to another DHS-enabled instrument, we can start working immediately and with extreme security as the data from the last calibration will automatically be transferred and used for pH measurements. New DHS pH sensors do not have an internal battery so they can be stored as a normal pH electrode and do not use special connectors but a normal BNC.



Datasheet

	pH 7
pH Measuring range	0 … 14,00
Resolution / Accuracy	0.1, 0.01 / +0.02
Calibration points	1...3 automatic + 2 custom
Recognized buffers	USA, NIST
DHS sensor recognition	Yes
mV Measuring range	-1000 … +1000
Resolution	1
ORP Calibration points	1 point = 475 mV
Temperature Measuring range	0,0…100,0 °C
Resolution / Accuracy	0,1 / ± 0,5°C
Temperature compensation	0,0…100,0 °C
Buffer indication	Yes
Calibration report	Yes
Stability filter	Low – Nor - High
Display	High definition backligt colored LCD
Brightness settings	Manual
IP protection	IP 57
Power	3 batteries AA 1,5 V
Working conditions	T= 0 … +45 °C / H = < 95 %
Dimensions / Weight	185 x 85 x 45 mm / 400 g

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