

HI 2020 edge® – Multiparameter Meter (pH kit)



Hanna Instruments is proud to introduce the world's most innovative pH, EC, and DO meter... edge™.

edge is thin and lightweight, measuring just 1/2" thick and weighing less than 9 ounces. edge has an incredibly wide viewing angle, 5.5" LCD and a sensitive capacitive touch keypad.

edge measures pH, conductivity and dissolved oxygen through its unique digital electrodes. These digital electrodes are auto-recognized. Providing sensor type, calibration data and serial number when connected to edge with an easy to plug-in 3.5mm connector. edge's versatile design is equally at home in your hand, on a lab bench or mounted on a wall. It simplifies measurement, configuration, calibration, diagnostics, logging and transferring data to a computer or a USB drive.

edge features Hanna's exclusive CAL-CHECK® to warn you if the pH electrode you are using is not clean or if your buffers are contaminated during calibration. Indicators are also displayed for response time and probe condition that is based on the offset and slope of the electrode. We have also added to SENSOR-CHECK for sensors with matching pin: now it warns you if the pH bulb is cracked or if the junction of the electrode is clogged.

edge is the culmination of Hanna's vision, design capabilities, integrated production facilities, and world class R&D teams. With edge, Hanna has set the new standard!

FEATURES:

- Thin, Lightweight Design
- Multiparameter (ability to measure pH, EC or DO)
- pH Electrode Monitoring Technology (Sensor Check and Cal Check)
- Multiple Calibration Points
- Built-in Temperature Sensor on all Electrodes
- Log on Demand
- Large, easy to read LCD
- Capacitive Touch
- Dual USB ports

- GLP feature
- Rechargeable Battery

Specifications

pH Range	-2.00 to 16.00 pH (Basic Mode) -2.000 to 16.000 pH (Standard Mode) +/-1000.0 mV for pH
pH Resolution	0.01 pH, 0.001 pH 0.1 mV
pH Accuracy @ 25°C/77°F	±0.01 pH, ±0.002 pH ±0.2 mV
pH Calibration Points	5 – Extended mode 3 – Basic mode
pH Temperature Compensation	Automatic: -20.0 to 120.0°C; -4.0 to 248.0°F**
Electrode Condition	YES– Standard mode (pH only)
Electrode Response	YES– Standard mode (pH only)
Out of Calibration Range	YES– Standard mode (pH only)
pH Buffers	1.68, 4.01 (3.00***), 6.86, 7.01, 9.18, 10.01, 12.45, and two custom buffers – Standard mode 4.01; 6.86; 7.01; 9.18; 10.01 - Basic mode
Temperature Range [°C/°F]	-20.0 to 120.0°C; -4.0 to 248.0°F
Temperature Resolution	0.1°C; 0.1°F
Temperature Accuracy @ 25°C/77°F	±0.5°C; ±1.0°F
°C/°F	YES
GLP	YES
Keyboard	9 Keys (on/off, 8 dedicated)
Log Feature	Up to 1000 records organized in Manual Log on demand (Max. 200 logs), Manual log on Stability (Max. 200 logs), Interval logging with up to 100 lots (Max. 600 logs/lot)
Storage Interface	USB
PC Interface	Micro USB
Power Supply	5 VDC
Dimensions	202 x 140 x 12.7 mm (8" x 5.5" x .05")
Weight	250 grams (8.82 oz.)
*	with temperature compensation function disabled
**	temperature limits will be reduced to actual probe/sensor limits
***	pH 3.00 is only visible when using specific pH electrodes and will replace pH 4.01 buffer