

- Digital pH Electrode Input
  - Measure pH and temperature with a single probe
  - Good Laboratory Practice (GLP) to track calibration information including date, time, buffers used, offset and slope for traceability
  - pH CAL Check™ alerts user to potential problems during the calibration process
  - Space saving having a pH meter and photometer built into one meter



### Supplied Complete

HI83225 is supplied with the HI83300-100 in a rugged carrying case.

Parameter	Range	Resolution	Accuracy	LED (Å nm) with Narrow Band Interference Filter	Method
Ammonia Low Range	0.00 to 3.00 mg/L (as NH <sub>3</sub> -N)	0.01 mg/L	±0.04 mg/L ±4% of reading at 25 °C	@ 420 nm	Nessler
Ammonia Medium Range	0.00 to 10.00 mg/L (as NH <sub>3</sub> -N)	0.01 mg/L	±0.05 mg/L ±5% of reading at 25 °C	@ 420 nm	Nessler
Ammonia High Range	0.0 to 100.0 mg/L (as NH <sub>3</sub> -N)	0.1 mg/L	±0.5 mg/L ±5% of reading at 25 °C	@ 420 nm	Nessler
Calcium	0 to 400 mg/L (as Ca <sup>2+</sup> )	1 mg/L	±10 mg/L ±5% of reading at 25 °C	@ 466 nm	oxalate
Magnesium	0 to 150 mg/L (as Mg <sup>2+</sup> )	1 mg/L	±5 mg/L ±3% of reading at 25 °C	@ 466 nm	calmagite
Nitrate	0.0 to 30.0 mg/L (as NO <sub>3</sub> <sup>-</sup> -N)	0.1 mg/L	±0.5 mg/L ±10% of reading at 25 °C	@ 525 nm	cadmium reduction
Phosphate High Range	0.0 to 30.0 mg/L (as PO <sub>4</sub> <sup>3-</sup> )	0.1 mg/L	±1 mg/L ±4% of reading at 25 °C	@ 525 nm	amino acid
Potassium	0.0 to 20.0 mg/L (as K)	0.1 mg/L	±3.0 mg/L ±7% of reading at 25 °C	@ 466 nm	turbidimetric tetraphenylborate
Sulfate	0 to 150 mg/L (as SO <sub>4</sub> <sup>2-</sup> )	1 mg/L	±5 mg/L ±3% of reading at 25 °C	@ 466 nm	turbidimetric

#### Ordering Information

**HI83325-01** (115V) and **HI83325-02** (230V) is supplied with sample cuvettes and caps (4 ea.), activated carbon for 50 tests, demineralizer for preparation of 10 L deionized water (100g), 100 mL graduated beaker with caps (10), 3 mL pipette, 60 mL syringe, 5 mL syringe, graduated cylinder, spoon, funnel, paper filters (100), cloth for wiping cuvettes, USB to micro USB cable connector, power adapter, instruction manual, instrument quality certificate, and carrying case.

#### Standards

**HI83325-11** CAL Check Cuvette Kit for HI83325