

ISE standards

Code	Description
HI4005-01	0.1 M carbon dioxide standard, 500 mL
HI4005-03	1000 mg/L (ppm) carbon dioxide standard (as CaCO ₃), 500 mL

Ionic Strength Adjusters (ISA)

Code	Description
HI4005-00	ISA for carbon dioxide ISEs, 500 mL

Gas sensor fill solutions

Code	Description
HI4005-40	carbon dioxide filling solution, 30 mL (4)

Specific solutions for ISE sensors

Code	Description
HI4000-47	pH 4 and pH 7 buffers with chloride ions background, used to check internal glass electrode of gas sensors, 10 packages each and 2 beakers
HI4005-45	conditioning and storage solution for HI4105 carbon dioxide ISE

Accessories

Code	Description
HI4000-54	gas sensor replacement pH for carbon dioxide ISE
HI4005-53	carbon dioxide membrane kit (3 caps)



Carbon Dioxide ISE

Code	HI4105
Type	gas-sensing; combination
Measurement Range	1•10 ⁻² M to 1•10 ⁻⁴ M 440 to 4.4 mg/L (ppm)
Optimum pH Range	4.2 to 5.2
Temperature Range	0 to 40°C
Approximate Slope	+54
Body O.D.	12 mm
Insertion Length	120 mm
Body Material	Delrin®
Possible Applications	determination of carbonates as CO ₂ in water, soft drinks and wine samples
Ordering Information	HI4105 combination ISE with 1 m coaxial cable and BNC connector