

# Cleaning, Storage and Refilling Solutions



## General Cleaning

Cleaning the liquid junction of your electrodes once a day or at least once a week prevents junction clogging and maintains accuracy. Immerse the electrode in the proper cleaning solution for at least 15-20 minutes.

Hanna offers a wide range of cleaning solutions, for general purpose and specific applications to dissolve many deposits from the electrode, and thus ensure correct measurements.

## Electrode Storage Solutions

To minimize junction clogging, ensure fast response time and maintain the hydration layer of the glass, always keep the glass bulb and the junction of your pH electrode moist. Store the electrode with a few drops of HI 70300 storage or pH 4 or pH 7 buffer solution in the protective cap.

## Electrode Fill Solutions

The electrolyte level in refillable electrodes should be checked before performing any measurement. If the level is low, refill with the proper electrolyte solution to ensure the correct electrode performance.

This simple maintenance helps guarantee adequate head pressure for a constant flow rate in order to promote efficiency and precision of your refillable electrodes.

Some electrolyte solutions are also available in FDA compliant bottles

## General Use Electrode Cleaning Solution Bottles

Code	Application	Package
HI 70000P	rinsing	20 mL sachet (25)
HI 70000P/5	rinsing	20 mL sachet (500)
HI 7061L	general purpose	500 mL bottle
HI 7061M	general purpose	230 mL bottle
HI 7073L	proteins	500 mL bottle
HI 7073M	proteins	230 mL bottle
HI 7074L	inorganic substances	500 mL bottle
HI 7074M	inorganic substances	230 mL bottle
HI 7077L	oil and fats	500 mL bottle
HI 7077M	oil and fats	230 mL bottle
HI 8061L	general purpose	500 mL FDA bottle
HI 8061M	general purpose	230 mL FDA bottle
HI 8073L	proteins	500 mL FDA bottle
HI 8073M	proteins	230 mL FDA bottle
HI 8077L	oil and fats	500 mL FDA bottle
HI 8077M	oil and fats	230 mL FDA bottle

## Electrode Storage Solution Bottles

Code	Description	Package
HI 70300L	electrode storage solution	500 mL bottle
HI 70300M	electrode storage solution	230 mL bottle
HI 80300L	electrode storage solution	500 mL FDA bottle
HI 80300M	electrode storage solution	230 mL FDA bottle

## Electrode Refilling Solution Bottles

Code	Description	Package
HI 7071	electrolyte solution, 3.5M KCl + AgCl	30 mL bottle (4)
HI 7071M	electrolyte solution, 3.5M KCl + AgCl	230 mL bottle
HI 7071L	electrolyte solution, 3.5M KCl + AgCl	500 mL bottle
HI 7072	electrolyte solution, 1M KNO <sub>3</sub>	30 mL bottle (4)
HI 7072L	electrolyte solution, 1M KNO <sub>3</sub>	500 mL bottle
HI 7075	electrolyte solution, 1.7M KNO <sub>3</sub> , 0.7M KCl	30 mL bottle (4)
HI 7076	electrolyte solution, 1.0M NaCl	30 mL bottle (4)
HI 7078	electrolyte solution, 0.5M (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	30 mL bottle (4)
HI 7082	electrolyte solution, 3.5M KCl	30 mL bottle (4)
HI 7082M	electrolyte solution, 3.5M KCl	230 mL bottle
HI 7082L	electrolyte solution, 3.5M KCl	460 mL bottle
HI 7093	electrolyte solution, 1M NaCl	30 mL bottle (4)
HI 70960M	conductivity electrolyte solution for pH for viscous fluids	230 mL bottle
HI 70960L	conductivity electrolyte solution for pH for viscous fluids	500 mL bottle
HI 8071	electrolyte solution, 3.5M KCl + AgCl	30 mL FDA bottle (4)
HI 8072	electrolyte solution, 1M KNO <sub>3</sub>	30 mL FDA bottle (4)
HI 8082	electrolyte solution, 3.5M KCl	30 mL FDA bottle (4)
HI 8093	electrolyte solution, 1M KCl + AgCl	30 mL FDA bottle (4)