



Multiparameter Probe for HI9829 – HI7609829

Description

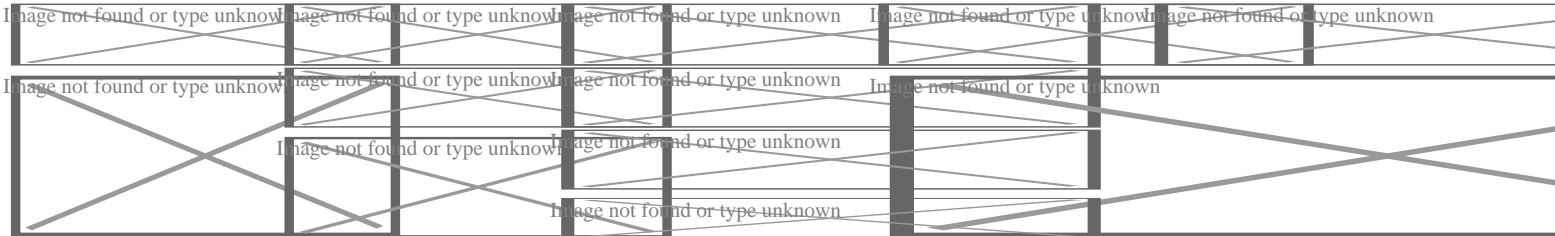
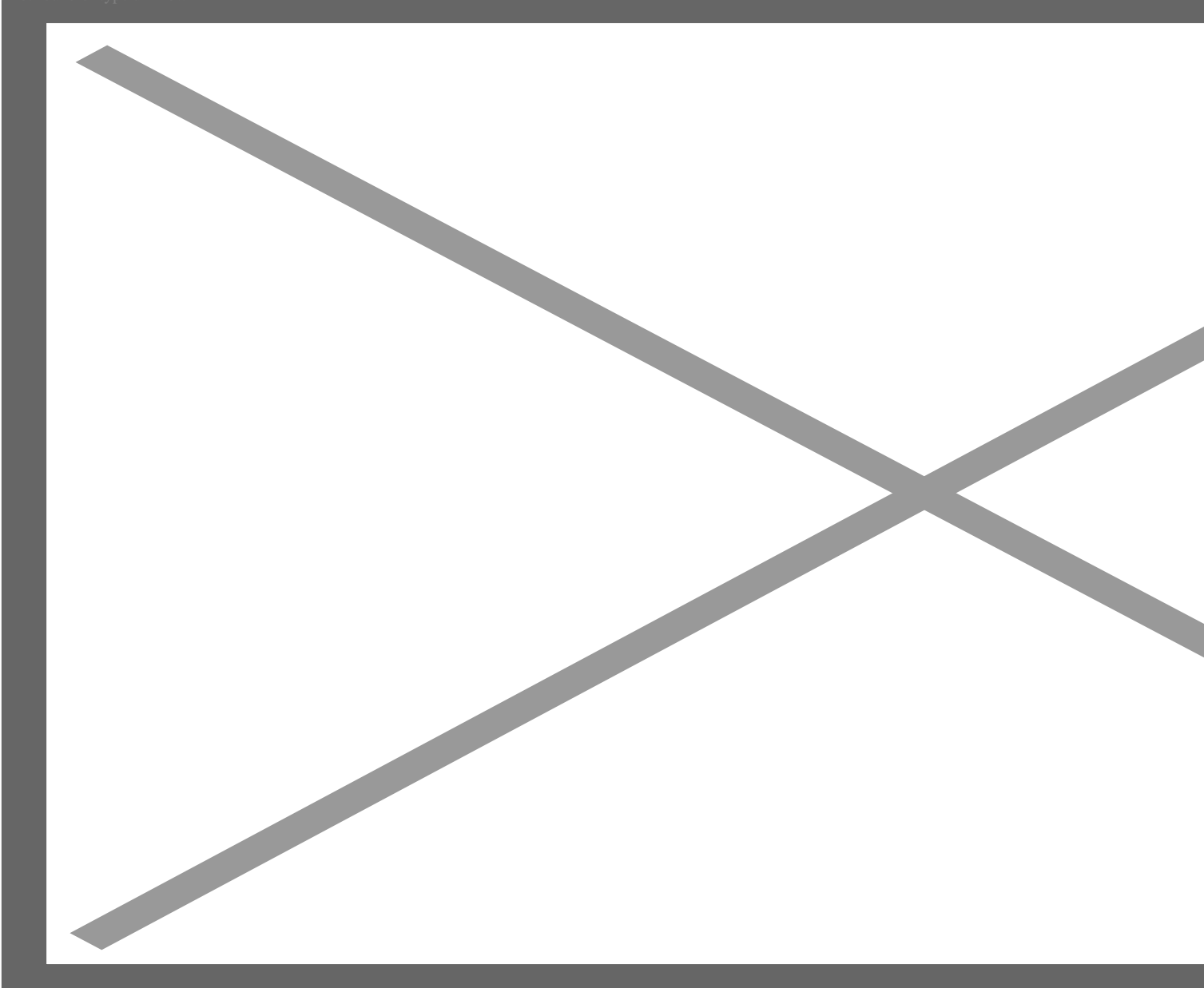
The HI7609829 is a multiparameter pH/ISE/EC/DO/Turbidity/Temperature probe for use with the HI9829 portable meter. Sensors are automatically recognized by the probe and meter when connected. Sensor replacement is quick and easy with field replaceable, screw type connectors that are color-coded for easy sensor identification. The probe features a multistrand-multiconductor shielded cable with 4m, 10m, and 20m lengths available. It's rugged, waterproof design makes it ideal for field use. The probe is suitable for installation in confined locations such as air vaults, river intakes, vertical wells, tanks, etc.. The streamline diameter of the probe permits insertion into 2" pipelines. Unlike probes that require a cable support for active deployment, this probe can be manually lowered and raised by the cable due to its superior strength rating. It is suitable for installation in open moving waters; rivers, streams, ditches (farmland drainage), conveyance canals, and more. In these cases protecting the probe from debris is important. The HI7609829 may be deployed in open waters; monitoring lakes, ponds, wetland basin, infiltration basins, and bays and is suitable for measurements in a flow cell.

Features at-a-glance

Waterproof Protection – The HI7629829 probe features an IP68 rating for continuous immersion in water. **Color Coded, Field Replaceable Sensors** – Sensor replacement is quick and easy with field replaceable, screw type connectors that are color-coded for easy sensor port identification. **Auto-sensor Recognition** – The probe and meter automatically recognize the sensors that are connected. Any ports not used on the probe will not have the parameter displayed or be configurable. **Automatic Temperature Compensation (ATC)** – Integrated temperature sensor allows for automatic temperature compensation of pH, ion selective, conductivity, and dissolved oxygen measurements. **Slim Design** – The streamline diameter of the probe permits insertion into 2" pipelines.

Available Sensors

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- HI7609829-1.tif** The HI7609829-0 is a replaceable pH sensor for use with Hanna's HI9829 multiparameter portable meter. The sensor body is constructed of durable PEI material and contains a double junction design. The HI7609829-0 contains a glass pH sensing tip combined with a Ag/AgCl reference electrode in gel electrolyte. Each module is color coded for easy installation and integration with the probe. **Image not found or type unknown**
- HI7609829-1.tif** The HI7609829-1 is a replaceable pH/ORP sensor for use with Hanna's HI9829 multiparameter portable meter. The sensor body is constructed of durable PEI material and contains a double ceramic junction design. The HI7609829-1 contains a glass pH sensing tip with a platinum ORP sensing pin. Each module is color coded for easy installation and integration with the probe. **Image not found or type unknown**
- HI7609829-2.tif** The HI7609829-2 is a galvanic dissolved oxygen membrane sensor for use with Hanna's HI9829 Multiparameter Portable Meter. The sensor body is constructed of durable ABS material and contains an easily replaceable membrane cap design. The membranes are constructed of HDPE and each cap easily screws onto the sensor. The HI7609829-2 sensor contains a silver cathode and zinc anode. The sensor module is color coded for easy installation and integration with the probe. (IMAGE: see above) **Image not found or type unknown**
- HI7609829-3.tif** The HI7609829-3 is a 4 ring electrode conductivity sensor for use with Hanna's HI9829 Multiparameter Portable Meter. The sensor body is constructed of durable ABS material and contains AISI 316 stainless steel electrodes that are not subject to polarization or surface coating effects. Each module is color coded for easy installation and integration with the probe. (IMAGE: see above) **Image not found or type unknown**
- HI7609829-4.tif** The HI7609829-4 is a combined conductivity and turbidity sensor for use with Hanna's HI9829 Multiparameter Portable Meter. The sensor body is constructed of durable ABS and epoxy material. The 4 ring conductivity sensor contains AISI 316 stainless steel electrodes that are not subject to polarization or surface coating effects. By design, turbidity measurements conform to ISO 7027 standards using an optical technique to measure suspended particles in water. (IMAGE: see above) **Image not found or type unknown**

HI7609829-10. The HI7609829-10 is a combination liquid membrane selective sensor used for the detection of free ammonium-nitrogen in freshwater samples. Its double junction design contains a Ag/AgCl, gel filled reference chamber. The HI7609829-10 utilizes a polymeric membrane constructed in a PVC head. This sensor is used in the pH sensor socket of the probe. (IMAGE: see above)

The HI7609829-11 is a combination solid state chloride selective sensor used for the detection of free chloride ions in freshwater samples. Its double junction design contains a Ag/AgCl, gel filled reference chamber. The HI7609829-11 utilizes a silver chloride pellet constructed in a PEI head. This sensor is used in the pH sensor socket of the probe. (IMAGE: see above)The HI7609829-12 is a combination liquid membrane selective sensor used for the detection of nitrate-nitrogen in freshwater samples. Its double junction design contains a Ag/AgCl, gel filled reference chamber. The HI7609829-12 utilizes a polymeric membrane constructed in a PVC head. This sensor is used in the pH sensor socket of the probe.