

The first glass pH electrodes to meet all RoHS requirements.

Thermo Scientific Orion Green Electrode



Electrode Benefits

- Performance of a glass pH electrode without disposal concerns
- Meets or exceeds the RoHS requirements
- Environmentally friendly, contains no mercury, lead or other hazardous materials
- Green biodegradable electrode with minimal packaging
- Double junction electrodes are TRIS compatible and mercury-free, unlike calomel electrodes
- Available as low maintenance gel-filled or refillable electrodes
- Durable epoxy body

Eliminate Your Hazardous Disposal Concerns

The new Thermo Scientific Orion Green electrodes are the first pH electrodes with a glass pH-sensing element that do not contain lead in the glass. At this time, pH electrodes have an exemption from RoHS, since all glass pH electrodes contain lead in the glass. Therefore, the Thermo Scientific Orion Green electrodes exceed the RoHS requirements.

There are four Green electrode models available, depending on your measurement needs. All are epoxy body electrodes. Refillable and low maintenance gel-filled electrodes are each available as a single junction or double junction electrode. Unlike calomel electrodes, the TRIS compatible double junction Green electrodes do not contain mercury.

Thermo Scientific Orion Green Electrodes

Eliminate your hazardous disposal concerns with the Thermo Scientific Orion Green electrodes.

Specifications

pH Range	0 to 14
pH Precision	0.02 for GD9106BNWP, GS9156BNWP and GD9156BNWP 0.05 for GS9106BNWP
Temperature Range	0 to 90 °C
Internal Reference	Silver/silver chloride (Ag/AgCl)
Junction	Glass capillary for GS9106BNWP and GD9106BNWP Glass fiber for GS9156BNWP and GD9156BNWP
Isopotential Point	7
Fill Solution	4 M KCl saturated with Ag/AgCl for GS9156BNWP, Cat. No.900011 3 M KCl for GD9156BNWP, Cat. No. 910008
Electrode Length	120 mm
Electrode Diameter	12 mm
Cable Length	1 meter

Ordering Information

GS9106BNWP	Green single junction low maintenance combination pH electrode, waterproof BNC connector, 1 meter cable
GD9106BNWP	Green double junction low maintenance combination pH electrode, waterproof BNC connector, 1 meter cable
GS9156BNWP	Green single junction refillable combination pH electrode, waterproof BNC connector, 1 meter cable
GD9156BNWP	Green double junction refillable combination pH electrode, waterproof BNC connector, 1 meter cable

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