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## Orion 370 PerpHecT Ion Selective Benchtop Meter

- Simultaneous Display of pH, mV (ORP) and Temperature
- GLPcheck™ for Active Electrode Verification
- Model 370 includes Basic ISE (Concentration) Capability

### Product Detail

Orion 370 PerpHecT® digital LogR™ meters include all the pH basics plus simultaneous display of pH, mV or RmV (ORP) and temperature. Use autocalibration with built-in Auto-Buffer-Recognition of three buffers or enter custom buffer values. Temperature compensation can be LogR™, automatic (with an ATC probe) or manual. These enhanced PerpHecT meters come complete with GLPcheck for verification of electrode reliability and GLPdoc™ for printouts compatible with "Good Laboratory Practices," ROSS Resolution™ to 0.001 pH units, and RS232 communications. These meters are available with a premium PerpHecT ROSS electrode, or in a GLP package which includes an Orion 8272BN PerpHecT ROSS Sure-Flow® electrode, PRT300 ink-based printer and cable. The Orion 370 meter also features a concentration mode for ISE measurements which allows a two point calibration and direct measurement. Three (3) year meter warranty.

This system is ideal for busy, multi-user laboratories or plant environments. pH measurements are easy with the help of advanced features such as autocalibration, LogR mode, automatic temperature compensation, choice of pH resolution and diagnostic operator assistance codes.

(1) Over 20°C temperature calibration range. PerpHecT® LogR™ temperature measurement and compensation specifications are based on the use of PerpHecT and PerpHecT ROSS™ brand electrodes. Use of other brand electrodes may impact performance.

### Orion 370 PerpHecT Ion Selective Benchtop Meter

Product#	Price	Package	
037000	-	110V with Ag/AgCl pH Electrode	SELECT
037001	-	220V with Ag/AgCl pH Electrode	SELECT
0370A0	-	110V with ROSS™ pH Electrode	SELECT
0370A1	-	220V with ROSS™ pH Electrode	SELECT
0370G0	-	110 V w/GLP Package	SELECT
0370G1	-	220 V w/GLP Package	SELECT
0370A9	-	110V Meter and Adapter only	SELECT
0370A8	-	220V Meter and Adapter only	SELECT
0370A7	-	240V Meter and Adapter only	SELECT
037002	-	Meter and Manual only	SELECT

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### Related Products

#### Printers and Interface Cables

Product#	
PRT300	SELECT

Product#	Product Name	Image	
8272BN	Orion 8272BN PerpHecT® ROSS® Sure-Flow pH Electrode		SELECT
9272BN	Orion 9272BN PerpHecT Sure-Flow pH Electrode		SELECT

### Details All Product Numbers

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North America +1 800 225 1480

#### Literature Request

#### Postal Mail:

- Orion Laboratory Products Catalog

#### Specifications:

<b>pH Range :</b>	0.000 to 14.000
<b>pH Resolution :</b>	0.001/0.01/0.1
<b>pH Relative Accuracy :</b>	± 0.005
<b>pH Slope :</b>	80 to 120%
<b>pH Auto-buffer Recognition :</b>	4.01, 7.00, 10.01
<b>pH Calibration Points :</b>	3
<b>Concentration Range :</b>	0.000 to 19900
<b>Concentration Resolution :</b>	± 3 significant digit
<b>Concentration Relative Accuracy :</b>	± 0.2 mV or ± 0.5% of reading, whichever is greater
<b>Concentration Calibration Points :</b>	2
<b>Temperature Range :</b>	0 to 100°C
<b>Temperature Resolution :</b>	0.1°C
<b>Temperature Relative Accuracy ATC :</b>	± 0.1°C
<b>Temperature Rel. Accuracy LogR™ (1) :</b>	± 0.5°C
<b>Millivolt Range :</b>	± 1999.9 mV
<b>Millivolt LogR™ Range :</b>	± 1000.0 mV
<b>Millivolt Resolution :</b>	0.1 mV
<b>Millivolt Relative Accuracy :</b>	± 0.2 mV or ± 0.05% of reading, whichever is greater
<b>Relative Millivolt Range :</b>	± 1999.9 mV
<b>Relative Millivolt Resolution :</b>	0.1 mV
<b>Relative Millivolt Accuracy :</b>	± 0.2 mV or ± 0.05% of reading, whichever is greater
<b>Display :</b>	LED
<b>Inputs :</b>	BNC, pin tip ref, ATC, power
<b>Outputs :</b>	RS232, 2.5 mm pin Recorder
<b>Power Requirements :</b>	AC Line, 110V, 220V or 240V
<b>Agency Approvals :</b>	CE, CSA, UL
<b>Environmental Requirements :</b>	5°C to 45°C, 5 to 85% relative humidity, non-condensing