

# ORION™ 2100 SERIES

## PH ORP AND CONDUCTIVITY ANALYZER



### Thermo Scientific Orion 2100 Series pH/ORP and Conductivity Analyzers

Single, dual or combined pH/ORP and conductivity measurement

Orion 2100 series analyzers for pH/ORP, conductivity/resistivity or a combination of both provide accurate and reliable measurements in the harshest industrial environments.

Offered in single channel or dual channel configurations – all with optional digital communication protocols – these analyzers set a new standard for ease-of-operation and measurement reliability. Our systems incorporate decades of superior Orion sensor technology and deliver rapid results with complete stability. The large bright backlit LCD provides a 3 line parameter display that includes scrolling text for menu driven measurement and calibration prompts. The rugged ½ DIN chemically resistant enclosure offers NEMA 4X IP 65 protection while maintaining a small footprint for ease of installation in a panel (standard mounting) or for pipe mounting.

Multi-level password protection offers the necessary security for data integrity. Supervisor to operator level access protects customized setup parameters and allows for read only access for measurement, calibration and diagnostic logs, thus preventing accidental changes or unintended modifications from occurring.

Security in your measurement results has never been easier. Developed with decades of expertise in ultra pure water analysis, our measurement and temperature compensation algorithms provide the highest level of accuracy across the most difficult high purity measurements. Our system provides cation and ammonia/ETA compensation for customizing to your plant's requirements.

- Flexible temperature compensation inputs are suitable for use with a wide variety of sensors
- Rugged NEMA 4X ½ DIN custom enclosure is suitable for panel mounting (standard) or pipe mounting
- Offers advanced user interface with detailed calibration, measurement and diagnostic menus

|                         |           |
|-------------------------|-----------|
| Range                   | 0 to 14   |
| Resolution              | 0.1, 0.01 |
| Relative Accuracy       | ±0.01     |
| Hold Function           | YES       |
| Auto-Buffer Recognition | YES       |
| Solution Compensation   | YES       |

|          |  |
|----------|--|
| Cat. No. | Description                                |
| 2102PH   | 2102PH single channel pH/ORP analyzer only |



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