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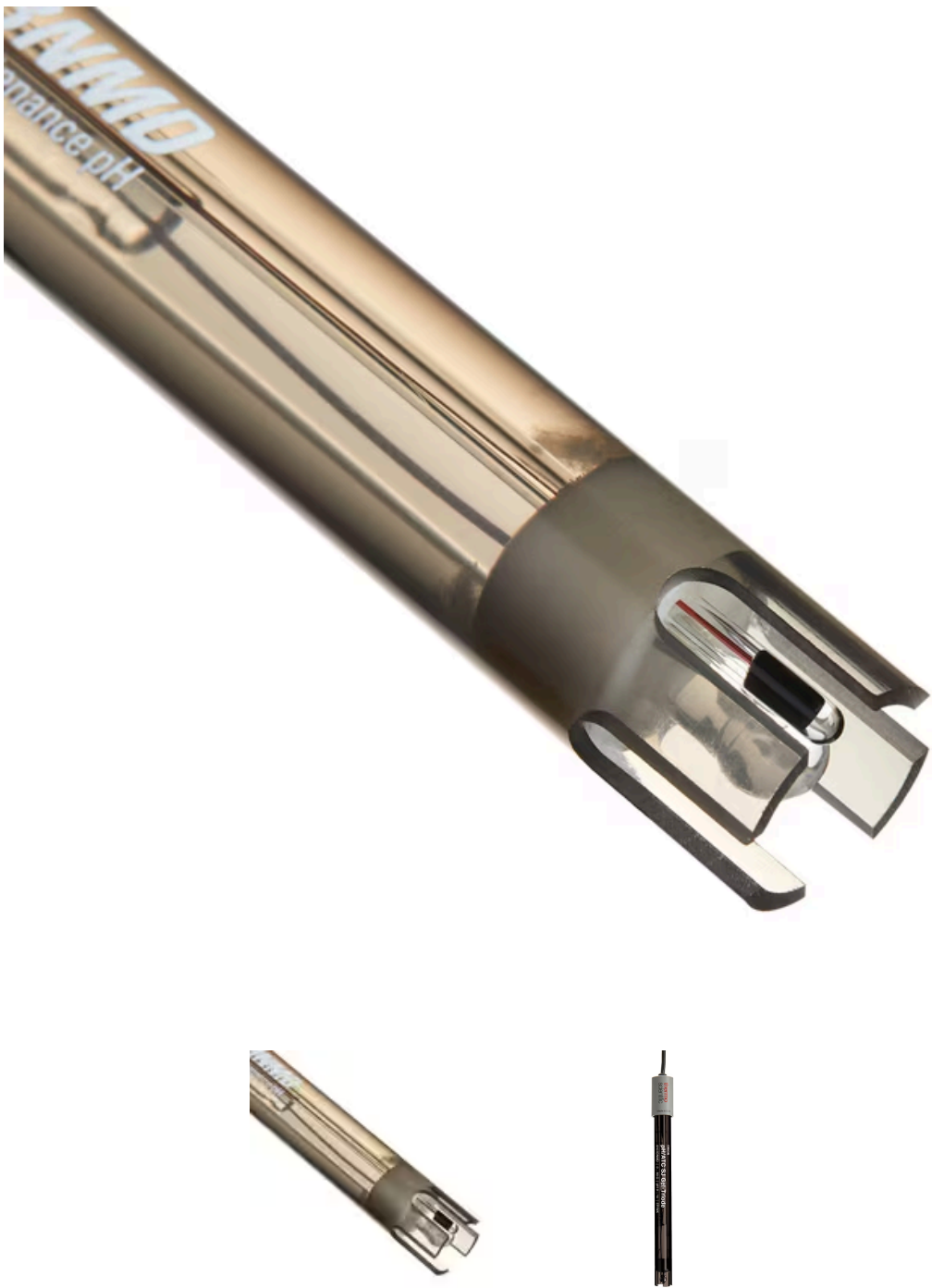
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Thermo Scientific™

# Orion™ Single Junction Epoxy Bodied pH/ATC Triode™

Accurately measure pH and temperature together in just one electrode, with a built-in temperature sensor.

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| Catalog Number | Connector Types  | Length (Metric) Cable |
|----------------|------------------|-----------------------|
| 9107BNMD       | BNC (Waterproof) | 1.5 m                 |
| 9107BN         | BNC              | 1 m                   |
| 9107WMMD       | BNC (Waterproof) | 3 m                   |

Catalog number 9107BNMD



Price (USD)

-

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Connector Types: BNC (Waterproof)

Length (Metric) Cable: 1.5 m

Product Overview



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Videos

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Documents

Thermo Scientific™ Orion™ Triode™ 3-in-1 pH/Automatic Temperature Compensation Electrodes are low-maintenance, gel-filled and come with a built-in ATC. They are engineered with an epoxy body for ruggedness and best suited for general purpose samples or for educational institutes where minimal maintenance is required.

Orion™ Single Junction Electrodes provide a reliable option for routine pH measurement. These silver chloride electrodes are available in a variety of styles and provide accurate measurements of typical samples.

### Solutions required

#### Electrode storage solution

910001    pH electrode storage solution, 475 mL bottle

#### pH buffers

- 910168    pH 1.68 buffer, NIST traceable, 475 mL
- 910104    pH 4.01 buffer, color coded red, NIST traceable, 475 mL
- 910105    pH 5.00 buffer, color coded orange, NIST traceable, 475 mL
- 910686    pH 6.86 buffer, DIN standard, NIST traceable, 475 mL
- 910107    pH 7.00 buffer, color coded yellow, NIST traceable, 475 mL
- 910918    pH 9.18 buffer, DIN standard, NIST traceable, 475 mL
- 910110    pH 10.01 buffer, color coded blue, NIST traceable, 475 mL
- 910112    pH 12.46 buffer, NIST traceable, 475 mL
- 910199    Standard All-in-One pH buffer kit, includes pH 4.01, 7.00 and 10.01 buffers, 475ml each, pH electrode storage solution, 475ml, and 12 mm electrode storage bottle

#### pH cleaning solution kit

900020    Cleaning solution A and C, 30 ml each. B and D, 60 ml each

#### Warranty period

6 months from date of purchase

## Specifications

|                                 |                                                                                                                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                     | pH/ATC Triode                                                                                                                                                                     |
| Diameter (English) Body         | 0.47 in.                                                                                                                                                                          |
| Diameter (Metric) Body          | 12 mm                                                                                                                                                                             |
| Diameter (Metric) Cap           | 16 mm                                                                                                                                                                             |
| For Use With (Application)      | The Thermo Scientific Orion 9107BN Triode 3-in-1 pH/automatic temperature compensation probe has a low maintenance gel filled electrode with built-in ATC.For field or plant use. |
| For Use With (Equipment)        | Dual Star, Orion STAR A111, Orion STAR A121, Orion STAR A211, Orion STAR A221, Orion STAR A321, Versa Star                                                                        |
| Junction                        | Wick                                                                                                                                                                              |
| Length (English)                | 4.7 in.                                                                                                                                                                           |
| Length (Metric)                 | 120 mm                                                                                                                                                                            |
| Length (Metric) Cable           | 1.5 m                                                                                                                                                                             |
| Material                        | Epoxy                                                                                                                                                                             |
| Reference Type                  | Ag/AgCl                                                                                                                                                                           |
| Temperature (English) Operating | 32°F to 176°F                                                                                                                                                                     |
| Connector Types                 | BNC (Waterproof)                                                                                                                                                                  |
| Temperature (Metric) Operating  | 0°C to 80°C                                                                                                                                                                       |
| Type                            | pH/ATC Probe, BNC Waterproof Connector                                                                                                                                            |
| pH Range                        | 0 to 14                                                                                                                                                                           |
| Unit Size                       | Each                                                                                                                                                                              |