

ChemoTrode Bridge 250

Specification Sheet (Part/REF # 238776)



The ChemoTrode targets aggressive media found in industrial applications.

Product Specifications

| | |
|------------------------------------|--|
| Sensor Family | ChemoTrode |
| Parameter | pH |
| Sensor Output | Traditional: mV |
| a-length | 250 mm |
| Electrical Connector | S7 |
| Measurement Principle | Combination electrode; pH potential measured against reference |
| Measuring Range | pH 0 to 14 |
| Sensitivity | 57 to 59 mV / pH at 25 °C |
| Zero Point | 0 ± 20 mV |
| pH Glass | Hamilton Type PHI Glass |
| pH Glass Resistance | Moderate |
| Membrane Shape | Spherical |
| Diaphragm | Platinum fibers |
| Number of Diaphragms | 1 |
| Electrolyte | Skylyte |
| Reference System | Hamilton Everef-B |
| Liquid Earth | No |
| Temperature Sensor | No |
| Diameter | 30 mm |
| Wetted Parts | Platinum Glass |
| Serial Number | Yes |
| Recommended Storage | Hamilton Storage Solution or 3 M KCl |
| Certificate | No |
| ATEX Approval | No |
| IECEX Approval | No |
| Autoclavable | No |
| CIP | Yes |
| Steam Sterilizable | Yes |
| Operating Temperature Range | 0 to 130 °C |
| Sample min Conductivity | 50 µS/cm |

Pressure Range bar g 0 to 6 bar

Shaft Diameter Below 12 mm

Specifications are subject to change without notice

Spec. Version B

<https://www.hamiltoncompany.com/process-analytics/sensors/238776>