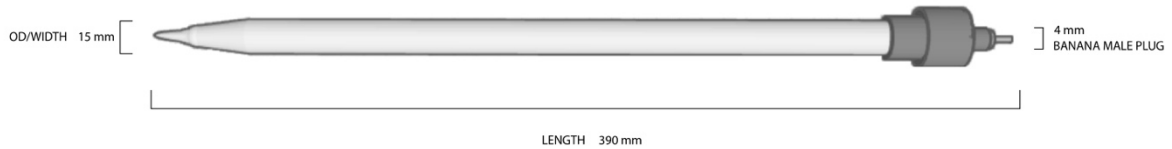


Zeltrode -50
 ULTRA-LOW TEMPERATURE
 Ag/AgCl REFERENCE ELECTRODE



* **Zeltrode** is a robust IP protected product in the market. Part of what makes its technology unique is the reference electrode's tip where the connection between the reference electrode and the testing medium takes place. Therefore, to achieve precise measurements each electrode has a distinctive tip that is handcrafted, molded to perfection and tested to reach the most accurate results (the picture above may not represent the exact shape of the reference electrode's tip).

SPECIFICATIONS

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT | ZELTRODE -50 |
| TYPE | Ag/AgCl Reference Electrode |
| VARIATION | Standard |
| MATERIAL | Ionic Liquid Mixture |
| PLATING/COATING | Fused Quartz |
| FORM/SHAPE | Probe |
| OD/WIDTH | 15 mm ± 1 mm |
| LENGTH | 390 mm ± 10 mm |
| FUSED QUARTZ THICKNESS | 3 mm |
| FUSED QUARTZ THERMAL CONDUCTIVITY | 1.4 W/m ° C |
| FUSED QUARTZ RESISTIVITY | > 5 x 10 ¹⁶ |
| FUSED QUARTZ MAX TENSILE STRENGTH | 7000 psi |
| FUSED QUARTZ MAX COMPRESSIVE STRENGTH | 160,000 psi |
| MIN TEMPERATURE | -50° C |
| MAX TEMPERATURE | +150° C |
| RECOMMENDED PRESSURE | Ambient to 30 psi |
| FEATURES | Ultra-Low Temperature, High Hardness Excellent Corrosion Resistance, Extreme Chemical Purity, Machined. |
| APPLICATIONS/ INDUSTRY | Corrosion Control, Electroplating / Electrolysis, Mining/Metallurgy, Oil & Gas Industry, Chemical Industry, Nuclear, Research, Engineering, Power Generation. |