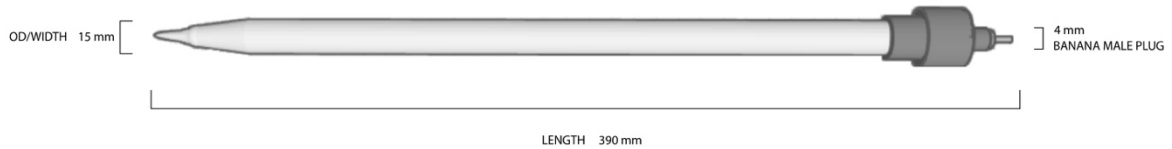


Zeltrode -80

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 -80
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	-80° 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.