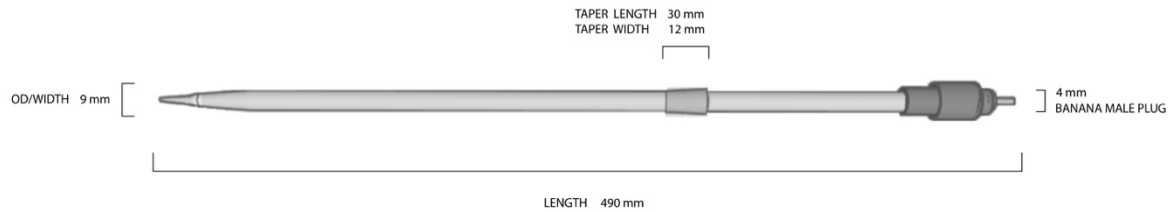


Caltrode +800T

ULTRA-HIGH TEMPERATURE

Ag/AgCl REFERENCE ELECTRODE



* **Caltrode +800T** 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 and the lowest impedance 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	CALTRODE +800T
TYPE	Ag/AgCl Reference Electrode
VARIATION	Tapered
MATERIAL	Silver / Silver Chloride
PLATING/COATING	Fused Quartz
FORM/SHAPE	Probe
OD/WIDTH	10 mm \pm 1 mm
LENGTH	490 mm \pm 10 mm
TAPER LENGTH	30 mm
TAPER WIDTH	12 mm
CONNECTOR	Male Banana Plug
CONNECTOR SIZE	4 mm
FUSED QUARTZ THICKNESS	3 mm
FUSED QUARTZ THERMAL CONDUCTIVITY	1.4 W/m $^{\circ}$ C
FUSED QUARTZ MAX TENSILE STRENGTH	7000 psi
FUSED QUARTZ MAX COMPRESSIVE STRENGTH	160,000 psi
MIN TEMPERATURE	20 $^{\circ}$ C
MAX TEMPERATURE	800 $^{\circ}$ C
RECOMMENDED PRESSURE	Ambient to 30 psi
FEATURES	Suitable for Autoclave & Controlled Environments, Ultra-High Temperature*, 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.