

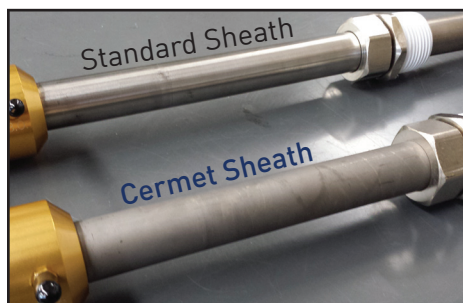


High Temperature, High Carbon Applications Ceragold Probe

SSi's CERAGOLD Probe utilizes a cermet-coated sheath to extend probe life in High Temperature, High Carbon Atmospheres. Building on our Gold Probe design, this patented technology allows for extended sheath life and reduces the catalytic effect of methane in the furnace atmosphere.



CERAGOLD features an efficient burn off due to sheath diameter and hole placement at the tip. The design eliminates nagging probe accuracy and response problems. CERAGOLD is designed with a 1/2" pipe sheath, not 3/4" like other probes. This is intentional because the 1/2" size requires much lower volumes of burn off air to reach the probe electrode tip. This feature greatly contributes to rapid, efficient probe burn off and hence to longer term probe accuracy and process consistency.



The Cermet Sheath of the Ceragold Probe adds a heat-resistant, impenetrable protective layer to the probe sheath. Notice the shiny appearance of the Standard Sheath and the diffused, rugged surface of the Cermet Sheath.

Designed for:

- Temperatures up to 1850°F (1010°C)
- Carbon Potentials greater than 1.25%

Cermet Sheath treatment:

- Creates a tenacious, impenetrable layer to protect all exposed surfaces of probe sheath from carburizing atmosphere.
- Reduces amount of nickel exposed at the surface
- Reduces soot formation
- Virtually eliminates high temperature corrosion (green rot).

Model	Insertion Length	P/N NO T/C	P/N "K" T/C	P/N "S" T/C	P/N "R" T/C
GP133	14.3" (364mm)	11130 00	11139 00	11138 00	11131 00
GP205	20.5" (520mm)	16110 00	16119 00	16118 00	16111 00
GP277	27.7" (704mm)	16120 00	16129 00	16128 00	16121 00
GP330	33.0" (838mm)	16140 00	16149 00	16148 00	16141 00
GP373	36.8" (935mm)	16190 00	16199 00	16198 00	16191 00
GP420	42.0" (1067mm)	16190 42	16199 42	16198 42	16191 42
GP480	48.0" (1219mm)	16190 48	16199 48	16198 48	16191 48