

Cathodic Protection (CP)



Silver-Silver Chloride Reference Electrode for Concrete



ProCell Silver-Silver Chloride (Ag/AgCl) Reference Electrode is the longest and most proven electrode used in concrete structures for monitoring potentials of rebar. Ag-AgCl reference electrode is available in 0.5 mol and 3.5 mol KCl gel concentrations.

Characteristics

- Longest track record in the industry (>30 years)
- Long time stability
- Applicable to corrosion monitoring
- Suitable for concrete exposed to chlorides, carbonation and stray current
- Great durability for construction

Specification

Accuracy:	± 3 mV over 24 hours @ 25°C
Operating Temperature:	0 - 70° C
Silver Purity	Greater Than 99%
Body Construction:	CPVC
Reference Junction:	Special HDPE
Cable Type:	HMWPE, RHW-USE or Specified
Cable Length:	Specified

Design Life	20 years	30 years	20 years	30 years
Model No. (Standard Length)	SD 0.5M-20Y	SD 0.5M-30Y	SD 3.5M-20Y	SD 3.5M -30Y
Model No. (Short Length)	ST 0.5M-20Y	ST 0.5M-30Y	ST 3.5M-20Y	ST 3.5M -30Y

Note:

1. Please provide KCl concentration (mol) for order.
2. Additional design life is available upon request.
3. Only can provide the reference electrode body for your own cable connection (Option)