

DOUBLE COUPON HOUSING WITH REFERENCE ELECTRODE

Protective Housing provides a contaminant free environment for the Reference Electrode

Reference Electrode Features

- **Stable & Accurate** The reference electrode with its porous hard ceramic plug & solid electrolyte is inherently stable & low in resistance. Measurements are fast and accurate.
- **High Impact** ABS plastic housing corrosive environment resistant.
- **Unlimited Shelf Life** Dry electrode technology allows the electrode to be stored indefinitely. Activation or reactivation takes place following hydration.
- **Long Service Life** Service design life is 30 years unless contaminated.
- **Chloride Ion Trap** Cu/CuSO₄ ion trap equipped.
- **Active Cell Area** Diameter 1" (2.5 cm) Ø x 8" (20.3 cm) Long
- **Reference Electrode Lead Wire** 14 Awg RHH, RHW cable. Standard lengths: 30', 50', 100', 150', 200', 250', etc.
- **Stability** +/- 5 Millivolts with 3.0 Microamp load.
- **Temperature Range** 32° to 135° F (0° to 57.2° C)



Double Coupon Housing Features

- **Sealed housing** with a hydrophilic porous membrane (3 5/8" Ø X 27 3/4" L)
- **Two (2) coupons** - (1 in² ea) are exposed in sealed holders on exterior of housing
- **Coupon material** – CRS1018
- **Two (2) coupon cable leads** – 14 Awg RHH, RHW cable
(For pipeline applications) GREEN for native coupon – PURPLE for protected coupon
(For tank bottom applications) GREEN for native coupon – BLUE for protected coupon
- **Conductive casing backfill mixture** - included for filling housing after electrode is inserted (see separate instructions for more information on installation)

Example of typical Part No.: DCH-P-CU-1-30FT

DCH - for double coupon housing

P - for pipeline application OR T - for tank bottom application

CU-1 - for copper/copper sulfate underwater reference electrode

__FT - insert cable lead length required