

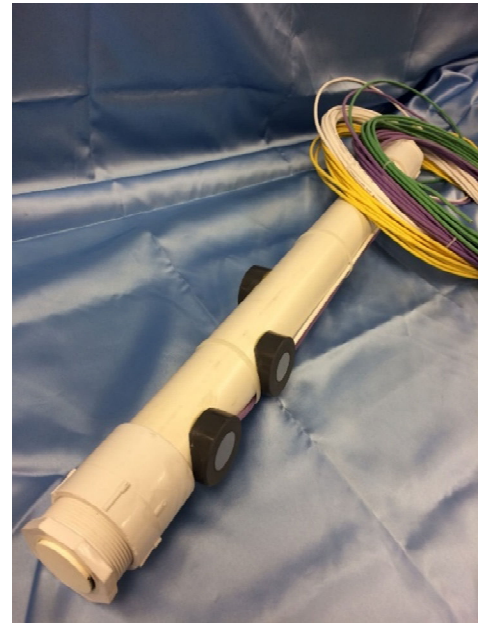
TRIPLE COUPON HOUSING

With Copper or Zinc 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 is 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 or Zn/ZnSO₄ ion trap equipped for service of < 200 ppm Cl.
- **Active Cell Area:** Diameter 1" (2.5 cm) Ø x 8" (20.3 cm) Long
- **Reference Electrode Lead Wire:** 14Awg-10Awg RHH, RHW cable. Standard Stock length: 30', 50', (100', 150', 200' available). Custom lengths available upon request.
- **Stability:** (+/- 5) Millivolts with 3.0 Microamp load.
- **Temperature Range:** 33° F to 135° F (0.5° C to 57.2° C)



Triple Coupon Housing Features

- **Sealed Housing:** with a hydrophilic porous membrane (3 5/8" Ø x 27 3/4" L)
- **Coupon Sizes Available:** 1 in², 1 cm², 2 cm², 5 cm², 10 cm² and 50 cm²
- **Two (2) coupons:** Each exposed coupon is in a sealed holder on the exterior of the housing
- **One (1) AC coupon:** (1 cm²) OR (5 cm²) is exposed in a sealed holder on the exterior of housing
- **Coupon material:** CRS1018
- **Coupon cable leads:** 14Awg-10 Awg RHH, RHW cable (For pipeline applications only)
GREEN for native coupon – PURPLE for protected coupon – WHITE for AC coupon
- **Electrode leads:** YELLOW for Copper OR RED for Zinc
- **Conductive casing backfill mixture:** included for filling housing after electrode is inserted (see separate instructions for more information on installation)

Example of typical Item No.: TCH-P-CU-30FT

TCH - for triple coupon housing

P - for pipeline application

CU - for copper/copper sulfate reference electrode

OR

ZN - for zinc/zinc sulfate reference electrode

__FT - insert cable lead length required