

GTP "PCR" and "CPCR" Series

CORROSION COUPON RACKS

Specification 01600030 Rev. C

Written: May 2008

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✧ 1.0 DESCRIPTION

1.1 CORROSION COUPON RACK: Shall be manufactured by General Treatment Products, or approved equal and consist of a plastic piping assembly, inlet and outlet isolation valves, durable carbon steel wall mounting (designed at 16" O.C.), quick connecting sample points (that require no tools for inspection), steel linked safety chain and sample ID tag(s).

✧ 2.0 MATERIALS

2.1 PIPE SIZE: Corrosion coupon rack shall be made from 3/4" Sch80 pipe, fittings, valves and holders. Piping shall be supported at each end of all piping runs, to minimize piping vibrations.

Optional 1" Sch80 PVC pipe, fittings, valves and holders

2.2 COUPON HOLDER: Coupon holder(s) shall be constructed of Sch80 plastic and shall be glue fit to secure product integrity. Threaded fitting shall only be used where needed. Sample set screw shall be Nylon so as not to cause dissimilar metal corrosion.

2.3 PIPE SUPPORTS: Pipe supports shall be galvanized steel with stainless steel hardware. Plastic pipe support should not be accepted.

2.4 MOUNTING RACK: Mounting rack shall be durable carbon steel coated with oil based enamel paint.

2.5 SAFETY CHAIN: Quick connect sample holder(s) shall be bound and connected to mounting frame with galvanized steel chain and be of ample strength to ensure operator safety.

2.6 ISOLATION VALVES: Full port isolation valves shall be supplied on inlet and outlet of corrosion coupon rack. Valve shall have easy to adjust handle and be supplied in similar material as corrosion coupon rack.

2.7 SAMPLE ID TAG: Laminated orange sample ID punch tags shall be supplied for each point of corrosion coupon rack. Sample ID tag(s) shall be securely affixed to corrosion coupon rack so as not to be misplaced during test duration.

2.8 OPTIONAL FEATURES: Select from the following 3/4" options.

Code "PB" PVC Backboard inlue of standard metal frame

Code "SVP" Sample Valve, PVC

Code "SVB" Sample Valve, Brass

Code "YSP" Y-Strainer, Polypropylene

Code "YSB" Y-Strainer, Brass

Code "FI10" Flow Indicator, 10GPM, Polycarbonate and Stainless Steel

Code "FIA10" Adjustable Flow Indicator, 10GPM Polycarbonate and Stainless Steel with settable PVC Gate Valve

Code "FCPO5" Flow Control Valve, PVC, 5GPM

Code "FCBO5" Flow Control Valve, Brass, 5GPM

Code "FCSO5" Flow Control Valve, Stainless Steel, 5GPM

P.O. Box 8697, Brea, CA 92822-5697 ♦ Phone: 714) 257-9165

266 Viking Ave., Brea, CA 92821 ♦ Fax: 741) 257-9215

📧 www.gtpcompany.com ♦ customerservice@gtpcompany.com 📧

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- 3.0 WARRANTY: General Treatment Products Corrosion Coupon Racks are guaranteed for two years from date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace a defective part of this system when returned to our factory with freight prepaid; providing that the part is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments.
- 4.0 DRAWING, DIMENSIONS & WEIGHTS: Model shown in drawing is PCR107, 3/4" corrosion coupon rack. Dimensions are +/- 1/8". Weights are approximate.

KEY	A	WEIGHT
1POINT	12"	12 lbs.
2POINT	18"	16 lbs.
3POINT	24"	20 lbs.
4POINT	30"	24 lbs.
5POINT	36"	28 lbs.
6POINT	42"	32 lbs.

