

DESCRIPTION

Total Chlorine Reagent Kit-HF contains the required reagents for HF Scientific's CLX-XT and CLX-EX online residual chlorine monitors. These HF Scientific monitors are commonly used in shipboard ballast water treatment systems (BWTS) that inject chlorine into ballast water to treat it. Both HF Scientific monitors monitor total residual chlorine. The monitors are able to measure total chlorine in the range of 0 - 10 mg/L (ppm). The monitors utilize US EPA accepted DPD method of analysis for measuring total residual chlorine, and Total Chlorine Reagent Kit-HF contains the necessary reagents required for this DPD method. Based on estimated operational cycles, Total Chlorine Reagent Kit-HF contains about a twelve month supply of reagents.

APPLICATION & USE

There are two reagents that are required to be installed/ replaced in the monitor. The reagents are the 500 ml bottle of buffer solution and the 125 ml bottle of indicator solution. Prior to installing or replacing the indicator solution in the monitor, the contents of one amber vial of DPD powder is added to one bottle of the indicator solution. Detailed use instructions are included in the kit.



Total Chlorine Reagent Kit-HF (PCN 1AB5909)

KIT CONTENTS AND ORDER INFORMATION

Total Chlorine Reagent Kit-HF (PCN 1AB5909) contains:

- Total Chlorine Buffer Solution: 1 X 500 ml bottle
- Total Chlorine Indicator* Solution: 4 X 125 ml bottles
- DPD powder: 4 X amber vials
- Instructions for use

Total Chlorine Reagent Kit-HF can be stored at 1°C - 55°C.

Each total chlorine indicator solution bottle contains about a 3 month supply. Any unused indicator solution from an opened bottle is discarded after 3 months and replaced with fresh indicator solution per the kit instructions.

FEATURES

- US EPA accepted Method of analysis for measuring Total Residual Chlorine
- Continuous monitoring and control of residual total chlorine levels
- Rugged carrying case
- 12-month supply
- Easy to use instructions

BENEFITS

- Enables compliance with discharge standards
- Simple to use
- Enables proper chlorine dosage
- Enables up to 90 days of unattended operation

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