

Richard hourigan, inc.

Responding to the needs of industry since 1973

Instructions

Instruction Number: 5118

MIDGET COMPARATOR TEST DPD CHLORINE (Free, Total, & Combined)

MIDGET:

*9040 (0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0 ppm)
*9044 (0.2, 0.6, 1.0, 2.0 ppm)
*9046 (0.5, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0 ppm)
*9048 (1.5, 2.0, 2.5, 3.0, 4.0, 6.0, 8.0, 10.0 ppm)
*9241 (0.1, 0.2, 0.4, 0.7, 1.0, 1.2, 1.5, 2.0 ppm)
*Kit will only contain one of these midget comparators

REAGENTS:

*1 x R-0001 DPD Reagent #1, DB
*1 x R-0002 DPD Reagent #2, DB
*1 x R-0003 DPD Reagent #3, DB
*1 x 1052 DPD No. 1 Tablets
*1 x 1054 DPD No. 3 Tablets
*Kit may contain DPD reagents or tablets

APPARTUS:

*1 x 3243 Cap, Test Cell, 11.5 mL, rectangle, plastic
*1 x 3267 Cap, Test Cell, 5 mL, rectangle, plastic
*1 x 4024 Test Cell, Calibrated 11.5 mL, plastic
*1 x 4025 Test Cell, Calibrated 5 mL, plastic
1 x 5118 Instruction
1 x 6002 Brush, Cell Cleaner
*Kit will only include one test cell and one test cell cap.

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE
877-7WATER6 (877-792-8376) or [email us](#) with your requirements.

PROCEDURE:

CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.
KEEP REAGENTS AWAY FROM CHILDREN

Free Chlorine (FC) Test

1. Rinse and fill test cell to mark with water to be tested.
2. Add 5 drops R-0001 DPD Reagent #1 and 5 drops R-0002 DPD Reagent #2 (or add 1 DPD No. 1 tablet). Cap and mix.

3. Wipe dry and place in comparator WITH FROSTED SIDE FACING OPERATOR.
4. Match color in test cell with a color standard. Record as parts per million (ppm) free chlorine (FC).
5. Save sample for total chlorine (TC) test.

Total Chlorine (TC) Test

1. Use same treated sample from FC test.
2. Add 5 drops R-0003 DPD Reagent #3 (or add 1 DPD No. 3 tablet). Cap and mix.
3. Wipe dry and place in comparator WITH FROSTED SIDE FACING OPERATOR.
4. Match color. Record as ppm total chlorine (TC).

Combined Chlorine (CC) Test

1. Subtract FC from TC. Record as ppm combined chlorine (CC).
Formula: $TC - FC = CC$.

7/07