Descal-A-Matic Test Kit

Code SFT-4783

*Warning: Reagents marked with a * are considered hazardous substances. Material Safety Data Sheets (MSDS) are supplied for these reagents. For your safety read label and accompanying MSDS before using.

**Hardness, Total**

1. Fill the sample tube (4488) to the desired mark with water to be tested.
   
   **Note:** When the tube is filled to the upper mark, each drop of Hardness Reagent #7 is equal to 10 ppm. When the tube is filled to the lower mark each drop of Hardness Reagent #7 is equal to 1 gpg.

2. Add 5 drops of *Hardness Reagent #5 (SFT-4483) to the water sample cap and mix.

3. Add one Hardness Tablet #6 (SFT-4484), cap and shake the tube for complete mixture.

4. Hardness Reagent #7 (SFT-4487) is added one drop at a time with mixing. Hold the pipet vertically for uniform drops. Hardness Reagent #7 is added until the red color changes to clear blue. Count each drop of Hardness Reagent #7 as it is added.

   **Example:** Tube filled to upper line; 1 drop = 10 ppm CaCO₃
   Tube filled to lower line; 1 drop = 1 gpg CaCO₃

**Iron**

1. Fill a test tube (0230) to the mark with water to be tested.

2. Add 5 drops of *Iron Reagent #1 (SFT-4450) to the test sample, cap and mix.

3. Using the measuring spoon (0696), add one measure of *Iron Reagent #2 (SFT-4451) to the tube, cap and shake the tube to dissolve the powder. Wait 5 minutes for maximum color development.

4. Insert the sample tube into the Iron Comparator (4448) and match the color of the test sample with the color of the standards.

**pH**

1. Fill a tube (0230) to the mark with water to be tested.


3. Insert the sample tube into the pH Comparator (2195) and compare the color of the test sample with the color standards.

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