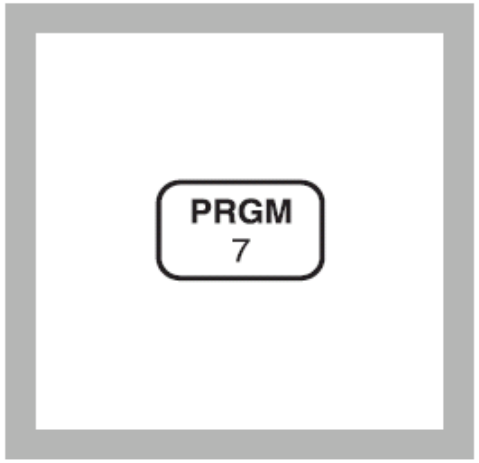
CHEMICAL OXYGEN DEMAND, HR

Colorimetric Determination, 0 to 1,500 and 0 to 15,000 mg/L COD



1. Enter the stored program number for chemical oxygen demand (COD), low range.

Press: **PRGM**

The display will show:

PRGM ?

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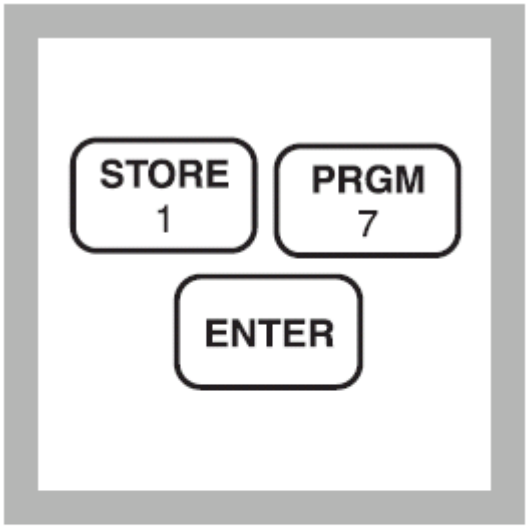

2. Press: **17 ENTER**

The display will show **mg/L, COD** and the **ZERO** icon.

Note: *For alternate form (O2), press the* **CONC** *key.*

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3. Insert the COD/TNT Adapter into the cell holder by rotating the adapter until it drops into place. Then push down to fully insert it.

Note: *For increased performance, a diffuser band covers the light path holes on the adapter. Do not remove the diffuser band.*

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4. Clean the outside of the blank with a towel.

Note: *Wiping with a damp towel, followed by a dry one, will remove fingerprints or other marks.*

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5. Place the blank in the adapter.

Push straight down on the top of the vial until it seats solidly into the adapter.

Note: *Do not move the vial from side to side as this can cause errors.*

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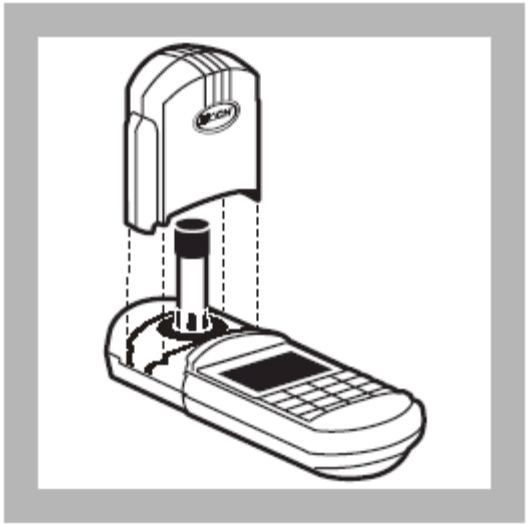

6. Tightly cover the vial with the instrument cap.

Note: *The blank is stable when stored in the dark. See Blanks for Colorimetric Determination following these procedures.*

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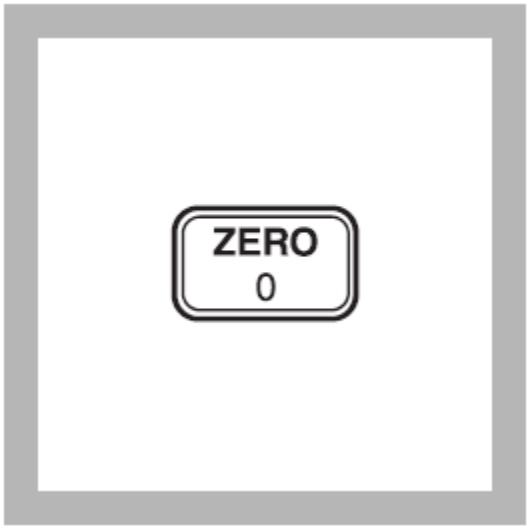

7. Press: **ZERO**

The cursor will move to the right, then the display will show:

0 mg/L COD

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8. Clean the outside of the sample vial with a towel.

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9. Place the sample vial in the adapter.

Push straight down on the top of the vial until it seats solidly into the adapter.

Note: *Do not move the vial from side to side as this can cause errors.*

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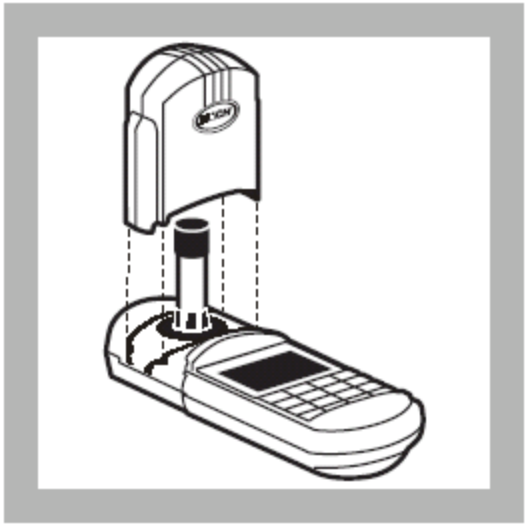

10. Tightly cover the vial with the instrument cap.

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11. Press: **READ**

The cursor will move to the right, then the result in mg/L COD will be displayed.

Note: *When using High Range Plus COD Digestion Reagent Vials, multiply the reading by 10.*

Note: *For most accurate results with samples near 1,500 or15,000 mg/L COD, repeat the analysis with a diluted sample.*