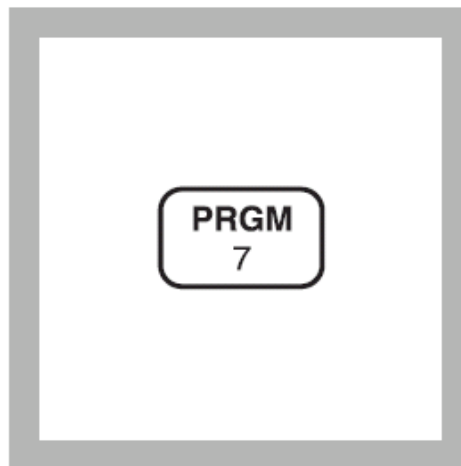




# CHEMICAL OXYGEN DEMAND, LR

## Colorimetric Determination, 0 to 150 mg/L COD



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

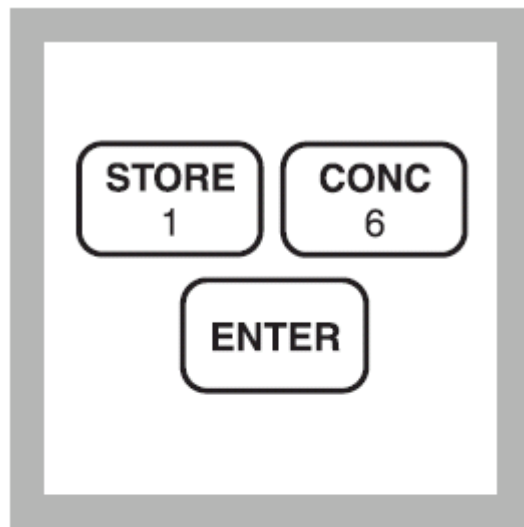
Press: **PRGM**

The display will show:

**PRGM ?**



## CHEMICAL OXYGEN DEMAND, LR



**2. Press: 16 ENTER**

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

**Note:** For alternate form (O<sub>2</sub>), press the  
**CONC** key.



## CHEMICAL OXYGEN DEMAND, LR



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.



## CHEMICAL OXYGEN DEMAND, LR



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.*



## CHEMICAL OXYGEN DEMAND, LR



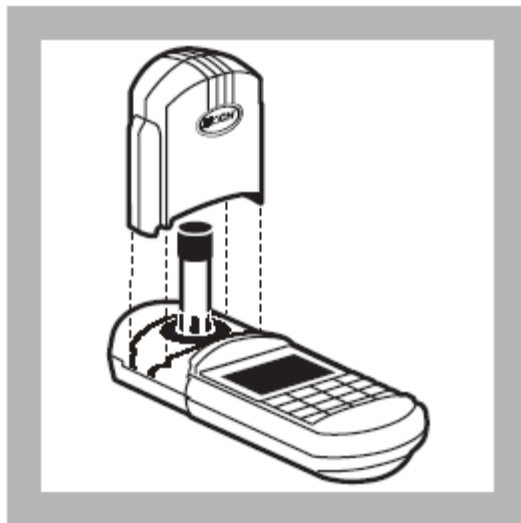
5. Place the blank in the adapter.

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

**Note:** One blank must be run with each set of samples. Run samples and blanks with vials from the same lot number (lot # is on the container label).



## CHEMICAL OXYGEN DEMAND, LR

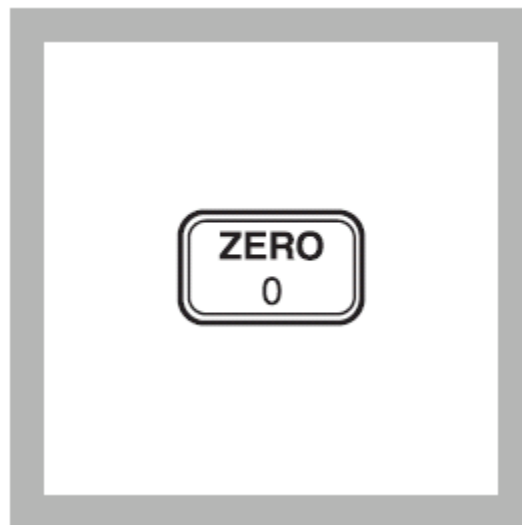


6. Tightly cover the vial with the instrument cap.

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



## CHEMICAL OXYGEN DEMAND, LR



7. Press: **ZERO**

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

**0 mg/L COD**



## CHEMICAL OXYGEN DEMAND, LR



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



## CHEMICAL OXYGEN DEMAND, LR



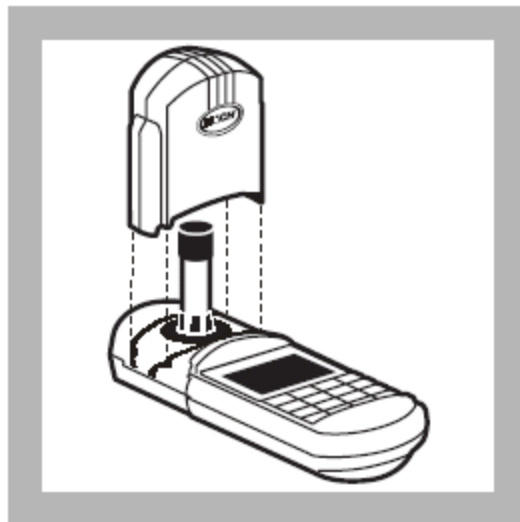
9. Place the sample vial in the adapter.

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.



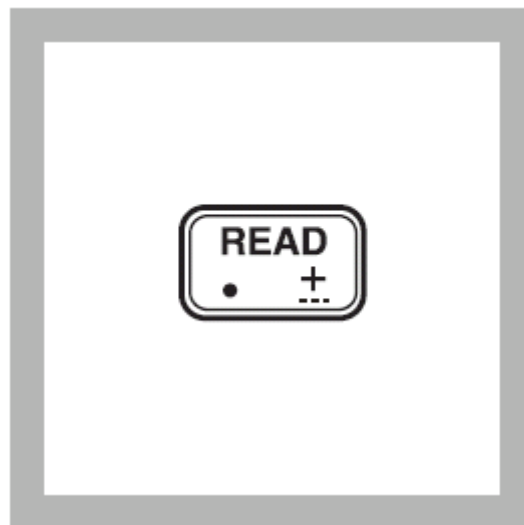
## CHEMICAL OXYGEN DEMAND, LR



**10.** Tightly cover the vial with the instrument cap.



## CHEMICAL OXYGEN DEMAND, LR



### 11. Press: **READ**

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



## CHEMICAL OXYGEN DEMAND, LR

**Note:** *Be sure the pipet is clean.*

**Note:** *One blank must be run with each set of samples. Run samples and blanks with vials from the same lot number (lot # is on the container label).*