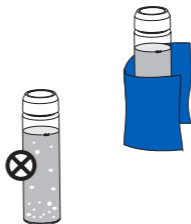


# QUICK REFERENCE GUIDE

## HI772 Marine Alkalinity

### TIPS FOR AN ACCURATE MEASUREMENT

- It is important that the sample does not contain any debris.
- Whenever the cuvette is placed into the measurement cell, it must be dry outside, and completely free of fingerprints, oil and dirt. Wipe it thoroughly with [HI731318](#) or a lint-free cloth prior to insertion.
- Shaking the cuvette can generate bubbles, causing higher readings. To obtain accurate measurements, remove such bubbles by swirling or by gently tapping the cuvette.
- Do not let the reacted sample stand for too long after reagent is added, as accuracy will be affected.
- After the reading it is important to immediately discard the sample, otherwise the glass might become permanently stained.



## TAKING MEASUREMENTS

- Turn the meter on by pressing the button. All segments will be displayed. When the display shows "Add", "C.1" with "Press" blinking, the meter is ready.



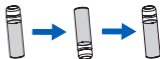
- Fill the cuvette with 10 mL of unreacted sample and replace the cap. Place the cuvette into the meter and close the meter's cap.



- Press the button. When the display shows "Add", "C.2" with "Press" blinking the meter is zeroed.



- Remove the cuvette from the meter and unscrew the cap. Using a 1 mL syringe carefully add exactly 1 mL of **HI7725** Reagent to the sample. Replace the cap and gently invert 5 times. Place the cuvette back into the meter.



*Note: Pay attention not to spill reagent otherwise full color development may be inhibited.*

- Press the button. The instrument directly displays the concentration of alkalinity in dKH. Alkalinity conversion:

$$\begin{aligned} 1 \text{ dKH} &= 17.86 \text{ ppm CaCO}_3 \\ &= 0.358 \text{ meq/L} \end{aligned}$$

The meter automatically turns off after 10 minutes.



*Note: For the error messages and battery replacement see the instruction manual.*