

# HARDNESS TESTER



## SPECIFICATIONS

Higher precision kit for measuring total hardness determined by calcium and magnesium ions in water. It uses specific reagents (included) that are added to the sample water, changing color based on the concentration of ions.

## APPLICATIONS



## FEATURES

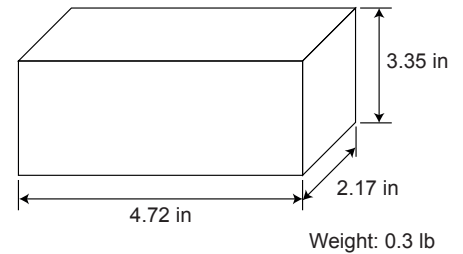
- ✓ Higher accuracy
- ✓ Reliable and easy to use
- ✓ Wide measuring range (20 ppm - 600 ppm)

## SPECIFICATION

MODELS	PARAMETERS TO BE MEASURED	MEASUREMENT	METHOD OF ANALYSIS
PK-KITDUREZA	Total hardness = CaCO <sub>3</sub> (SARRO)	Drip	Titration / EDTA

\* Operating temperature range: 10°C to 30°C (50°F to 86°F)

## DIMENSIONS AND WEIGHTS



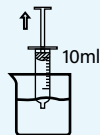
## INCLUDES

- ✓ Syringe
- ✓ Flask
- ✓ 50 Total hardness reagents
- ✓ Titrating solution

## INSTRUCTIONS

1

Fill the syringe with the sample water, up to the 10 ml mark.



2

Add the sample water to the clean flask.



3

Add the contents of a total hardness reagent to the flask and shake to dissolve. If the water sample turns light blue the hardness is 0mg/L, but if it changes to a purple-red color continue to step 4.



4

With agitation, add drop by drop the titrating solution until the color changes from red to blue, count the number of drops (N).



5

Calculate the results with the following formula:  
total hardness= N x 20(mg/L, as CaCO<sub>3</sub>).

