

Important:

The green zone on the scale of this Aquarium Hydrometer represents the ideal Specific Gravity (S.G.) for marine animals. The precision in the green zone is better than ± 0.0005 at 25°C .

Instructions:

Remove a sample of water from your aquarium into the test vial which housed this hydrometer (approx. half full). Gently lower the hydrometer into the test vial. The hydrometer must be perfectly clean. Leave the hydrometer in the water for one minute to stabilise the thermometer which is inside the body of the hydrometer.

The hydrometer reading should be taken at the level at which the hydrometer breaks the water surface, whilst being careful to take the reading from the bottom of the meniscus (ignore the water surface film rising against the side of the hydrometer).

The hydrometer reading may need to be adjusted according to the temperature of the water. If the thermometer reading is in the green band (around 25°C) no adjustment is required, however, should the thermometer reading be outside the green band an adjustment to the hydrometer reading is required: Add or subtract thermometer correction reading to/from hydrometer reading $\pm 0.00^{\circ}\text{X}$, eg. $1.022 + 1 = 1.023$.

If the S.G. reading is less than required for your fish (eg. 1.018 instead of 1.022), ADD SALT. If the S.G. reading is higher than required (eg. 1.026 instead of 1.022), ADD FRESH WATER. Each time you add salt or fresh water recheck the S.G. (the amount of salt required to increase the S.G. may vary slightly according to the type of salt used). Rinse your hydrometer after use.

We recommend if the change involved is higher than 0.002 make the change gradually, as any sudden change will have a detrimental effect on your marine animals. In order to maintain the optimum aquarium environment, we recommend frequent tests, which in turn means less severe changes in the S.G. will be required.