

Calibrating and measuring marine salinity with the refractometer

(For more information see using a salinity refractometer videos on YouTube)

Calibrating



Refractometer with open lid



1.023 saline density calibration solution



Applying 3-4 drops



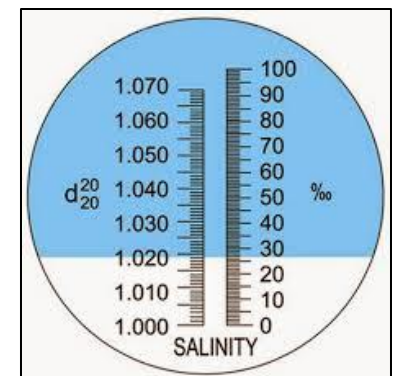
Closing the lid



View results



Using a screw driver
Adjust reading to 1.023



Adjustment at 1.023
and is calibrated

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Measuring a sample



Refractometer with clean
Blue glass window



Water sample



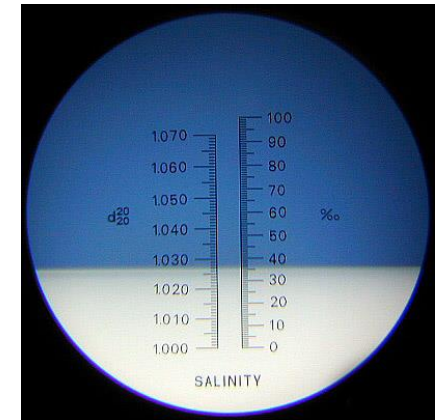
Applying 3-4 drops



Closing the lid



View



This reading is 36 parts of salt per thousand parts of water(0/00) which is full strength seawater (where the blue meets the white)