Brix Refractometer

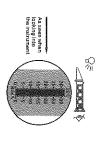
Parts Diagram:

Operation Steps:

step#2.(This allows the sample to adjust to refractometer) approximately 30 seconds before going to bubbles or dry spots. Allow the sample to daylight plate so the water spreads across distilled water on the main prism. Close the Open daylight plate, and place 2-3 drops of the ambient temperature of the temperature adjust on the prism for the entire surface of the prism without air



white. (The pictures shown here and shown in step 3.&step 4.are only as reference the blue, while the lower portion should be eyepiece to clearly see the graduations) down the center (you may have to focus the will see a circular field with graduations light source and look into the eyepiece. You right specific scale is listed the product) The upper portion of the field should be Hold daylight plate in the direction of a



For Hand Held Refractometer Operation Manual

calibrated, shifts in ambient temerature within system, the ambient working temperature of Automatic Temperature Compensation accuracy. If the instrument is equipped with room temperature is correct for the solution shown in the image. That is the end of the acceptable range(10°C~30°C) should not instrument is recalibrated. Once the room must be 20°C (68°T) whenever the recommend recalibrating to maintain the sample)changes by more than5 F we temperature of the room or environment(not you are using($20^{\circ}\text{C}/68^{\circ}\text{T}$) . When working calibration process. Make sure the ambient meet exactly on the zero scale, such as the upper blue field and the lower white field Calibration Screw until the boundary between Look into the eyepiece and turn the



effect accuracy.

cross the graduated scale. The scale will where the boundary line of blue and white plate and check reading. Take the reading Now place a few drops of the sample to be provide a dirdct reading of the concentration. tested onto the main prism close the day light



Warning-Maintenance

1 Accurate measurement depends on careful

contact your dealer. body. Call a qualified service technician or becomes foggy, water has entered the

- chemicals with this instrument . They 3 Do not measure abrasive or corrosive
- damage to the prism's coating. will lead to inaccurate results and measurement using a soft, damp cloth 4 Clean the insturment between each can damage the prism's coating. Fallure to clean the prism on a regular basis
- of reliable service. With care, this instrument will provide years components and its basic structure. to do so can result in damage to the optical careful handing and storage . Failure 5 This is an optical instrument . It requires

Step4:

Calibrate to "0"



Reading of Sample

instrument in water. If the instrument working conditions. And do not immerse the calibration. The prism and sample must be at 2 Do not expose the instrument to damp the same temperature for accurate results.

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