

Brix

Equipment and Supplies:

Bellingam + Stanley, RFM 80 Refractometer

Kimwipes or facial tissue

Spoons

DI water in a squirt bottle

Procedure:

- 1) Turn on machine by depressing the red on/off button. Usually let the machine warm up for 30 minutes before use.
- 2) Make sure that the prism surface is clean and dry, and then apply the sample. The sample should cover the prism to a minimum of 3 mm.
- 3) Depress the button marked 'sugar %' the display will give you the value, but will not be temperature compensated. To obtain a temperature compensated measurement, depress the button marked 'comp t'. The display will give the concentration measurement followed by the letter 't' indicating that the measurement is compensated and relevant to 20 degrees C.
- 4) For all subsequent determinations, use the button 'sugar %' to initiate the readings.