

CONTINUOUS BRIX READER (0-80 BRIX) ATAGO 668421 CALIBRATION PROCEDURE

MAPLE SUGARING
EQUIPMENT



Calibration procedure

Mode 1 : Reference adjustment

- Calibrate with distilled water.
(clean lines with permeate, test permeate to confirm that it is mineral free)
- Run continuously with distilled water
- **This parameter can be adjust to good Brix (66.2) while using,
but when the system will be cleaned, reading will not be at "zero". **

Mode 2 : Temperature correction factor

- Adjust factor to 1.11 on all Brix readers (this data has been found by trial and error).
This data can be adjust at 1.1 when the Brix reader does not give same reading as your manual or electronic refractometer, but ideally correct the value in mode 1.

Note :

- Lense cleaning with vinegar or permeate, (check in the morning before use).
- **Every day, you have to compare the syrup with a refractometer (ideally Misco model # 668412), which must be calibrated before use with distilled water.**
- Always mix well the syrup with permeate for calibration.

