

DIGITAL REFRACTOMETER 0-45% BRIX

Model : 53020

**Specifications:**

Measuring range: 0-45% Brix

Resolution: 0,1% Brix

Accuracy: $\pm 0.2\%$ Brix**Features:**Automatic temperature compensation

Operation temperature	: 0-40°C
Accuracy	: $\pm 1^\circ\text{C}$
Dimensions	: 185x59x45 mm
Weight	: 230 gr
Power supply	: battery 9V

Alarm of low voltage

Buttons description:

On/Off	: Turn on / Turn off instrument. The temperature value appears on the display.
Temp	: to change scale C/F
Cal	: to calibrate at 0% Brix
Mes	: for measurement

Measurement

Clean the prism window

Drop liquid sample to fill the prism window

Press the button **Mes**

Calibration

Clean the prism window

Drop bidistilled water to fill the prism window

Press Cal button for 5 seconds till it twinkles “rEF” on the display

Within 10 seconds press the button Mes for 5 seconds

When finished “End” will be displayed on LCD

Conversion refractive index/Brix

Turn off the instrument

Press synchronously the buttons Cal Mes and On/Off

The chosen scale will be stored no matter if power off

Alert of low battery

In the case of low battery on the upper left of LCD it will appear“(((“.