

## IV-738 DIGITAL ABBE REFRACTROMETER

### PRODUCT FEATURES

- Measurement of refractive index nD of transparent or translucent liquid and solid substances.
- Measurement of the Brix of sugar solution.
- Visual aim and LCD display.
- Automatic correction of the effect of temperature on the Brix.
- Prism made of hard glass.
- RS232 interface

### ACCESSORIES

- 1 calibration standard.a
- 1 Hex key.
- 3 lamps 6.3V. 0.25 A.
- 3 fuses 1 A.
- 1 RS-232 Cable
- 1 Software
- 1 Main Lead
- 1 Operating Manual
- 1 Dust cover



### Technical specification

<b>Measuring Modes</b>	1.Refractive Index 2.Brix of sugar solution 3.Brix TC of sugar solution 4.Automatic detect Temp. shown in display
<b>Measurement range</b>	nD1.30000- 1.70000 Brix:0-100%
<b>Measuring Accuracy</b>	nD $\pm 0.0002$ Brix $\pm 0.1\%$
<b>Measuring Resolution (nD)</b>	$\pm 0.0001$
<b>Temperature Range (Min. 0.1° C)</b>	0-50°C
<b>Display</b>	Visual aim and LCD display
<b>Printer interface</b>	RS232
<b>Power supply</b>	230VAC +/-10 %, 50Hz
<b>Weight (Gross)</b>	12kg
<b>Overall Dimensions</b>	370mm x 240mm x 470mm