

## ABBE Digital Refractometer

### Features for BK-RZT:

- \* Full automatic measuring
- \* Touch Screen
- \* LCD temperature display, automatic correction and saving the data
- \* Standard RS232 and USB interface

### Features for BK-R2S:

- \* Hard glass prism
- \* Standard RS232 interface
- \* Measure the Brix of sugar solution
- \* Visual aim and LCD display
- \* Automatic correcting of the effect of temperature on the Brix
- \* Measuring refractive index nD of transparent or translucent liquid and solid substances.



### Technical Parameters:

Model	BK-RZT	BK-R2S
Measuring Range	1.30000~1.70000nD Brix: 0-100%	1.3000~1.7000nD Brix: 0-100%
Measuring Resolution	±0.00001nD Brix: ±0.01%	±0.0001nD
Measuring Accuracy	±0.0002nD Brix: ±0.1%	±0.0002nD Brix: ±0.1%
Test Mode	8	/
Temperature Range	10~60℃	0~50℃
Temperature Resolution	0.1℃	
Temperature Accuracy	0.5℃	
Interface	RS232, USB	RS232
Display	7" LCD touch screen	LCD
Prism	Hard glass	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	340*200*110mm	210*110*310mm
Package Size(W*D*H)	500*330*220mm	370*240*470mm
Gross Weight	9kg	12kg

## Automatic Digital Refractometer



### Features:

- \* Multiple measurement modes: refractive index of spice and plant oil, F42 and F55 fructose syrup, concentration of glucose and sucrose, solid content, water content of honey, nD20, etc.
- \* It meets graded management, provides scientific and user-friendly operation.
- \* Fast measurement, only needs a small amount of samples.
- \* Accurate detection and thermostatic control.
- \* Prism is made of sapphire.

### Technical Parameters:

Model	BK-R756
Measuring Range	nD: 1.30000~1.70000 Brix: 0~100%
Measuring Accuracy	Refractive index nD: ±0.0002 Brix: ±0.1%
Measuring Resolution	Refractive index nD: ±0.00001 Brix: ±0.01%
Temperature	Temperature display range : 0~100℃
Audit Trail	Optional(FDA)
Thermostatical Control Range	5~85℃
Temperature Control Accuracy	±0.02℃
Temperature Control Mode	Peltier (Built-in )
Interface	USB/Keyboard/Mouse/Universal Printer/ Ethernet/Optional:WLAN
Display	8 inch color touch screen
Data Storage	16G
Prism	Artificial sapphire
Power Supply	100V~240V, 50/60Hz, 150W
Gross Weight	5kg
Package Size	570*460*300mm