

## Latest GLP features

- > User management
- > Data management
- > Password protection
- > GLP trace



## IR100 Series Automatic Refractometers

- > Accuracy reached 5 decimal places
- > Large color touch screen
- > Both nD and Brix measurements
- > GLP mode
- > More measurement could be ordered (such as concentration based on nD)

Unique design and advanced software contributes:

 an automatic performance monitoring, compensating and warning system

Specification		Model	IR120	IR140	IR180
Measuring range	nD		1.3000 - 1.7000	1.3000 - 1.7000	1.30000 - 1.70000
	Brix		0.0 - 100.0%	0.0 - 100.0%	0.00 - 100.00%
Resolution	nD		0.0001	0.0001	0.0001/0.00001
	Brix		0.1%	0.1%	0.1%/0.01%
Reproducibility	nD		±0.0002	±0.0002	±0.00002
	Brix		±0.1%	±0.1%	±0.02%
Temperature range			0-95°C	0-95°C	0-95°C
Temperature resolution			0.1°C	0.1°C	0.1°C
T. control model			Water bath(buy separately)	Water bath(buy separately) and Peltier	Water bath(buy separately) and Peltier
T. control range			--	5-80°C	5-80°C
T. control accuracy			--	±0.2°C	±0.2°C
Interface			RS232	RS232,USB	RS232,USB
Display			touch screen,color LCD	touch screen,color LCD	touch screen,color LCD
Database			100 groups data	500 groups data	1000 groups data
Prism			hard glass	artificial sapphire	artificial sapphire
<b>Ordering information</b>					
N.W. / G.W.			4kg / 5kg	4kg / 5kg	4kg / 5kg
Dimension(L*W*H)			36*24*15cm	36*24*15cm	36*24*15cm
With packing dimension			51*40*29cm	51*40*29cm	51*40*29cm
Configuration			IR120 Refractometer SW on CD(obtain data from database by Identify your power cord from Page31	IR140 Refractometer 4G USB flash Identify your power cord from Page31	IR180 Refractometer 4G USB flash Identify your power cord from Page31
Order number			<b>85000018</b>	<b>85000033</b>	<b>85000020</b>