



Automatic Refractometer Series

Automatic refractometer is equipped with high performance linear CCD photosensitive components, with a high speed, high precision of signal collection and analysis processing technology, equipped with semiconductor parr super temperature control system. Can high efficiency, high precision measurement of sugar solution(hammer)degrees Brix

Improve innovative efficiency

- 7 inch colour touch screen;
- Level sapphire prism;
- High resolution CCD sensor.

◆ The Main Technical Indicators

Model	JH200	JH300
Range	1.3000--1.7000(nD)	1.3000--1.7000(nD)
Fine degrees	± 0.0002	± 0.0002
Sugar range	0-100% (Brix)	0-100% (Brix)
Sugar accuracy	± 0.1%(Brix)	± 0.1%(Brix)
Temperature control	NO	Built-in semiconductor
Temperature control range	RT	5°C-65°C
Stability of temperature control	RT	± 0.03°C
Light source	LED light source	LED light source
Wave length:	589nm	589nm
Edge mirror	sapphire level	sapphire level
Samples pool	stainless steel	stainless steel
Test method	CCD linear CCD	CCD linear CCD
Display way	FTF color touch screen	FTF color touch screen
Data interface	USB RS232	USB RS232
Power source	220V/50HZ	220V/50HZ

◆ The Main Technical Indicators

Model	JH500	JH600
Range	1.30000--1.70000(nD)	1.30000--1.70000(nD)
Fine degrees	± 0.00003	± 0.00002
Sugar range	0-100% (Brix)	0-100% (Brix)
Sugar accuracy	± 0.1%(Brix)	± 0.01%(Brix)
Temperature control	Built-in semiconductor	Built-in semiconductor

Temperature control range	5℃-65℃	5℃-90℃
Stability of temperature control	± 0.02℃	
Light source	LED light source	LED light source
Wave length	589nm	589nm
Edge mirror	sapphire level	sapphire level
Samples pool	stainless steel	stainless steel
Test method	CCD linear CCD	CCD linear CCD
Display way	FTF color touch screen	FTF color touch screen
Data interface	USB RS232	USB RS232
Power source	220V/50HZ	220V/50HZ

