SKZ1019C Thermostat Auto Abbe refractometer

To measure transparent and translucent liquid: refractive index nD and sugar content (Brix), the mass fraction of glucose syrup, F42, F55, juice, vegetables, soft drinks and canned goods dry matter content

Features:
1. Color touch screen interface,
2. Automatic measurement, test speed, repeatability, used high resolution line array CCD image sensor makes it achieved automatically measurement and automatically displayed
3. Used glow diode (LED) as light, improve the precision, FPGA technology realize high-speed data signal acquisition is used to improve the precision
4. With temperature correction function, to build different mathematical models, measurement of solid content of sugar solution, and the solution has a temperature correction
5. Realization of optical modules, contribute to the miniaturization of instrumentation, and improve stability.
6. USB, U storage,
7. Comes with 8 standard and user-defined units of measurement.
8. With constant temperature control function, used semiconductor control temperature technology and improved of digital PID algorithm achieved has instrument of accurate control temperature
9. Using a Sapphire Prism. Improve its anti-corrosion, and resistance high temperature and wear

Technical parameters:

Refractive index range	1.30000-1.70000 nD
Indication errors	±0.0002 nD
Resolution	0.00001 nD
Brix readings range	0-100%
Brix error	± 0.1%
Brix resolution	0.01%
Temperature display range	0-50℃
Measure temperature	Room temperature to 35℃
Temperature controlled range	10℃＜room temperature＜10℃
Output	RS232/USB/U disk
Power	220V~240V, 50Hz±1Hz
Weight	3KG
Dimensions	345mm×345mm×165mm