

Refractometer Series



SGW -756 / SGW -753 Automatic Digital Refractometer

Characteristics

- High resolution CCD detection system.
- Fast measuring speed, good repeatability, and wide temperature control range.
- Measuring the corrosion resistance, scratch resistance, easy cleaning, and durability of prism.
- Minimum sample amount is approximately 0.5ml, and the sample can be recycled.
- LED light source that lasts over 100000 hours.
- Multiple measuring methods: Fragrance refractive index, Vegetable oil refractive index, F42 fructose corn syrup, F55 fructose corn syrup concentration, Glucose concentration, Sucrose concentration, Solid content (juice vegetables, canned products, soft drinks), Honey water content, nD20 and user-defined formula.
- It meets graded management, provides scientific and user-friendly operation.

Specifications

Parameters/Model	SGW-756	SGW-753
Measuring range	Refractive index (nD): 1.30000-1.70000 Brix : 0-100%	
Measuring accuracy	Refractive index (nD): ± 0.0002 Brix : $\pm 0.1\%$	
Resolution	Refractive index (nD): ± 0.00001 Brix : $\pm 0.01\%$	
Audit Trail	Optional	/
Temp. control mode	Peltier (Built-in)	
Temp. display range	0-100°C	
Temp. control range	5-85°C	
Temp. control accuracy	$\pm 0.02^\circ\text{C}$	
Prism	Artificial sapphire	
Operating system	Windows	/
Display	8 inch color touch screen	
Data storage	16G	10000 sets
Interface	USB , Keyboard , Mouse , Ethernet , Universal Printer , Optional: WLAN	USB , U Disk
Power supply	100V~240V, 50/60Hz, 150W	
Overall dimensions	570mm×460mm×300mm	
Weight(gross)	5kg	