

### Product Superiority

- Support Secondary Development
- High Precision Algorithm for Automatic Temperature Compensation
- Compact and easy to install
- Multi-industry Applications



### Application Field

Immersion digital refractometer series, with a wide range of applications, food, fruits and vegetables, beverages, medical, chemical, automotive, etc., quickly measure the concentration of a variety of liquids. Especially suitable for testing: volatile liquids/liquids which is difficult to remove from the liquid container.

### Product Parameter

Measure Range	Brix 0.0 ~ 80.0%	Resolution Ratio	Brix 0.1%
	RI 1.3330~1.49071		RI 0.0001
	Temperature 0.0~ 80.0°C		Temperature 0.1°C
Measurement Accuracy	Brix $\pm 0.3\%$	Environment Temperature	0.0~ 60.0°C
	RI $\pm 0.0003$	Sample Volume	Submerged Measurement
	Temperature $\pm 0.5^\circ\text{C}$	Withstand Pressure	0.4MPa
Measuring Time	Measure once in 1 seconds default	Protection Grade	Measuring Part IP67
Installation	Thread, flange, chuck, etc. Support customization.		
Output	Digital Output: RS485		
	Other output options can be customized.		
Input	DC 24V $\pm 10\%$ The current < 100mA		