

Simple Refractometer

Simple Refractometer measures the refractive index nD of liquids, which can be used for detection and analysis in sugar, pharmaceutical, beverage, petroleum, food, chemical industry production, scientific research, and teaching departments. Use visual aiming, optical dial reading, simple.

1. Simple Refractometer Introduction

Innovation:

- 1: Portable design, easy to use;
- 2: LED cold light source replaces traditional sodium lamp and halogen tungsten lamp;
- 3: Color screen display, humanized operation interface;
- 4: The whole machine has passed TART and CE certification.

2. Simple Refractometer Parameter

Display mode: digital display

Temperature display range (minimum value 0.1°C): 0~40°C (automatic temperature compensation)

Mass: 100 grams

Shape: 58(W)×25(D)×121(H)MM

Types	Model	Engraved	Engraved No.	Range	Resolution	Accuracy
Brix	JH-P-101	Brix	S01	0.0--50.0%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.4200nD	0.0001nD	±0.0003nD
	JH-P-102	Brix	S01	0.0--90.0%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.5177nD	0.0001nD	±0.0003nD
	JH-P-103	Glucan concentration	S01	0.0--10.6%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.4200nD	0.0001nD	±0.0003nD
	JH-P-104	Fructose concentration	S01	0.0--68.9%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.5177nD	0.0001nD	±0.0003nD
	JH-P-105	Glucose concentration	S01	0.0--59.9%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.5177nD	0.0001nD	±0.0003nD
	JH-P-106	Lactose concentration	S01	0.0--16.5%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.4200nD	0.0001nD	±0.0003nD
	JH-P-107	Maltose concentration	S01	0.0--15.6%	0.1%	±0.2%
		Refractive index	S02	1.3330-1.4200nD	0.0001nD	±0.0003nD
Salt	JH-P-201 (Sodium Chloride NaCl)	NaCl% salinity	S01	0.0--28.0%	0.1%	±0.2%
		NaCl‰ salinity	S02	0--280‰	1‰	±2‰
		proportion	S03	1.000-1.217	0.001	±0.002
		Refractive index	S04	1.3330-1.4200nD	0.0001nD	±0.0003nD
Honey	JH-P-202 (Sea water)	Sea water salinity	S01	0--100‰	1‰	±2‰
		Chloride ion concentration	S02	0--57‰	1‰	±2‰
		proportion	S03	1.000-1.070	0.001	±0.002
		Refractive index	S04	1.3330-1.4200nD	0.0001nD	±0.0003nD
Wine	JH-P-301	Brix	S01	0.0--90.0%	0.1%	±0.2%
		Water content	S02	38.0%-5.0%	0.1%	±0.2%
		Baume	S03	33.0-48.0	0.1	±0.2
		Refractive index	S04	1.3330-1.5177nD	0.0001nD	±0.0003nD
Clinical medicine	JH-P-401	Brix	S01	0.0-50.0%	0.1%	±0.2%
		%VOL Alcohol	S02	0.0-22.0%	0.1%	±0.2%
		Oe-German grape maturity	S03	0-150	1	±2
		KMW Austrian Brix	S04	0.0-25.0	0.1	±0.2
Car Types of Brix	JH-P-501	Urine specific gravity	S01	1.000-1.050	0.001	±0.002
		Serum protein	S02	-0.1-12.0	0.1	±0.2
		Refractive index	S03	1.3330-1.4200nD	0.0001nD	±0.0003nD
Car Types of Brix	JH-P-601	Cleaning fluid/glass water	S01	(0)--(-60)°C	0.1°C	±0.5°C
		Freezing point of glycol coolant	S02	(0)--(-60)°C	0.1°C	±0.5°C
		Freezing point of propylene glycol	S03	(0)--(-70)°C	0.1°C	±0.5°C

coolant					
	Battery fluid	S04	1.000—1.500sg	0.001	±0.005sg
JH-P-602 (Urea for vehicles)	Urea concentration	S01	0-51.0%	0.1%	±0.2%
	Refractive index	S02	1.3330-1.4200nD	0.0001nD	±0.0003nD
	Glycol concentration	S01	0-60%	0.1%	±0.5%
MSDR-P-603 (Engine Coolant)	Freezing point of glycol coolant	S02	(0)—(-60)°C	0.1°C	±0.5°C
	Propylene glycol concentration	S03	0-70%	0.1%	±0.5%
	Freezing point of propylene glycol coolant	S04	(0)—(-70)°C	0.1°C	±0.5°C
JH-P-604 (Mobil brake fluid) model	Mobil DOT3 boiling point	S01	(121)—(260)°C	1°C	±5°C
	Mobil DOT4 boiling point	S02	(125)—(275)°C	1°C	±5°C
JH-P-101	Refractive index	S03	1.3330-1.5177nD	0.0001nD	±0.0003nD

3. Simple Refractometer Product Feature And Application

- 1.Portable design, easy to use;
- 2.LED cold light source instead of the traditional sodium light lamp and halogen tungsten lamp;
- 3.Color screen display, user-friendly operation interface;
- 4.Simple Refractometer has passed TART and CE certification.

4. Fields of use Simple Refractometer

Sugar, pharmaceutical, beverage, petroleum, food, chemical industry production, scientific research, teaching departments of testing analysis.

5. Product Qualification

Jiahang Simple Refractometer has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

6. Deliver,Shipping And Serving

We have a top R&D team returned from Europe and America, cooperate with our superb manufacturing team, professional sales team and dedicated service team, working together to provide customers with high-tech, high-quality products and efficient, convenient, Comprehensive pre-sales and after-sales professional services.

7. FAQ

How many years have your company made Simple Refractometer ?

22 years of scientific instrument manufacturer, laboratory solution provider!

Which certificate do you have for your products?

Jiahang has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality.

Will you will attend the fair to show your products?

Yes, Every year we will participate in some internationally renowned exhibitions to launch our new products, such as Arablab, PICCTON, Analytica Russia, Lab Africa, Analytica Germany, Analytica Latin America and so on,we are looking forward to your visit.

How about your company's R&D strength

Possess strong R&D technical capabilities (a R&D team of more than 20 people, with an average degree of doctorate degree, graduated from well-known universities at home and abroad, with an average work experience of 8 years), able to deal with and solve product-related technical problems

If OEM is acceptable?

Provide OEM customization service, product built-in software has autonomy, can customize development settings

Are you a trading company or a manufacturer?

100% manufacturer, no middlemen and distributors make the price difference, the price of the source factory is very advantageous; Jiahang is headquartered in Shanghai, China, has 15 service outlets and 2 production plants in China, and has sales in more than 10 countries overseas proxy.

How about your delivery time?

"Generally, it will take 7 to 15 working days after receiving your advance payment. Depend on the quantity."

Which payment can be acceptable ?

We could accept the payment by L/C, TF, Paypal , Western Union,etc.

Service

We could provide Online instruction ; Real-time support by video-ca or voice-chat.

Any customer who cooperates for the first time promises to provide a production cost price trial opportunity to solve your worries about product quality problems.

Provide official product quality assurance documents that comply with legal benefits to escort you with worry-free after-sales service.