Brand positioning：

Analytical instrument manufacturer, laboratory solution provider!

Company introduction：

Shanghai Yuke Industry Co., Ltd. was established in 1999. It is a leading manufacturer of analytical instruments and laboratory equipment in China, and is known as a high-quality instrument manufacturer and perfect service provider. Committed to the research and innovation of scientific instruments and analytical methods in the food and pharmaceutical industries, in order to promote green food and health drugs, develop and produce analytical measuring instruments, and provide technical workers with application methods and comprehensive solutions.

Yuke professional R&D laboratory instruments include: **Thermal Analyzer (DSC/TGA/STA), Microwave Digester, Dissolution system, Melting point meter, Polarimeter, Refractometer, Density meter, Turbidity meter, Dropping point & Softening point tester, Micro heating table, Potentiometric Titration , Moisture meter, Osmometer , Viscosity meter, Hardness tester, Flash point tester ..** They are widely used in pharmaceutical and food quality control, education and research, environmental science, chemical engineering and other fields.

Yuke has established strict working standards and technical standards in R&D, parts procurement, standardized manufacturing, and production inspection. Yuke 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. Yuke headquarters was established in Shanghai, China, with 15 sales branches in China, sales agents in more than 10 overseas countries, and 2 production plants. At the same time, 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.

At present, Yuke's products have been exported to more than 50 countries including the United States, Germany, France, Malaysia, Vietnam, India, Italy, etc. We are committed to participating in Arablab, PICCTON, Analytica Russia, Lab Africa, Analytica Germany, Analytica Latin America and other exhibitions. Open up different markets, and enjoy a good reputation with reliable quality, reasonable prices and good service to win a large market share.

Yuke is committed to providing customers with a better user experience and hopes to become a world-class scientific instrument manufacturer and laboratory solution provider!

SHANGHAI YUKE INDUSTRY CO. ,LTD

ROOM 1022,SOUTH DISTRICT, No.5616 CAOAN ROAD, ANTING TOWN, JIADING DISTRICT,SHANGHAI

1. Automatic Refractometer

1.1 Smart Series - Digital Refractometer

Brief Introduction

Smart-R is equipped with a high performance linear CCD sensor. Through high-speed and high precision signal acquisition, analysis and processing technology, the Smart-R is equipped with a semiconductor Peltier super temperature control system. It can measure the refractive index (Nd) and the mass fraction of sugar solution (Brix) of transparent, translucent, dark and viscous liquid with high accuracy and efficiency.

Fields of use

Automatic refractometer is widely used in petroleum industry, oil industry, pharmaceutical industry, food industry, daily chemical industry, sugar industry, etc. It is also one of the commonly used equipment in schools and related scientific research units.

Food industry: quality control of raw materials, intermediates and final products; The concentration of dry matter, solids, and sugars; Purity control for products of sugar, dessert, beverage, dairy, chocolate and coffee, oil and fat industries.

Pharmaceutical industry: determination of solid content in blood and urine; Purity control.

Cosmetics industry: determination of refractive index of essential oils and spices; Determine the fatty acid content of soap and fragrance ingredients.

Chemical and petrochemical industries: determination of refractive index of raw materials and analytical reagents; Purity control; Determination of refractive index of petroleum products; Determine the concentration of the cooled lubricating oil.

The main features

1: Built-in Peltier temperature control, improve accuracy and stability;
2: China's first double temperature control, sapphire prism;
3: LED cold light source instead of the traditional sodium light lamp and halogen tungsten lamp;
4: Compliance with 21CFR Part 1 audit trail, pharmacopoeia and electronic signature;
5: Support network printing, support data statistical retrieval;
6: Multi-level authority management, authority can be freely configured;
7 "touch color screen, user-friendly operation interface;
8: The whole machine has passed TART and CE certification.

Technical parameters

Model	Smart-R200	Smart-R300	Smart-R500	Smart-R600
Range	1.30000-1.70000(nD)			
Resolution	0.0001(nD)	0.0001(nD)	0.00001(nD)	0.00001(nD)
Precision	±0.0002	±0.0002	±0.00003	±0.00002
Brix range	0-100%(Brix)			
Brix accuracy	±0.1%(Brix)	±0.1%(Brix)	±0.05%(Brix)	±0.01%(Brix)
Test mode	Refractive index / sugar content or customized	Refractive index / sugar content or customized	Refractive index / sugar content / honey moisture / salinity or customized	Refractive index / sugar content / honey moisture / salinity or customized
Temperature control method	No	Built-in Peltier	Built-in Peltier	Built-in Peltier
Temperature control range	Room temperature	5℃-65℃	5℃-65℃	5℃-90℃
Temperature control stability	Room temperature	±0.03℃	±0.02℃	±0.01℃
light source	LED			
wavelength	589nm			
Prism	sapphire			
Sample cell	stainless steel	stainless steel	Hastelloy	Hastelloy
Detection method	High-resolution linear CCD			
Display method	7 inch FTF color touch screen			
data storage	32G	32G	32G	64G
Output method	USB, RS232, RJ45, SD card, U disk			
User Management	Yes/four-level authority management			
21CFR PART 11	**YES**			
Audit trail	YES			
Electronic signature	YES			
Custom method library	YES			
Export file to verify high-level protection MD5	YES			
WIFI printing	YES			
Export in multiple file formats	PDF & Excel			
Packing Size	440*400*340mm			
Power supply	220V / 50Hz			
Gross Weight	7.15kg			

1.2 YK Series - Automatic Refractometer

YK series automatic refractometer is equipped with high-performance linear array CCD photosensitive components, through high-speed, high-precision signal acquisition and analysis and processing technology, equipped with semiconductor Peltier super temperature control system. It can efficiently and accurately measure the refractive index (nD) of transparent, translucent, dark, viscous and other liquids and the mass fraction of sugar solution (Brix).

Application field:
Fully automatic refractometer is widely used in petroleum industry, oil industry, pharmaceutical industry, food industry, daily chemical industry, sugar industry, etc. It is also one of the commonly used equipment in schools and related scientific research units.

Model	YK200	YK300	YK500	YK600
Range	1.30000-1.70000(nD)			
Resolution	0.0001(nD)	0.0001(nD)	0.00001(nD)	0.00001(nD)
Precision	±0.0002	±0.0002	±0.00003	±0.00002
Brix range	0-100%(Brix)			
Brix accuracy	±0.1%(Brix)			
Temperature control method	-	Built-in Peltier	Built-in Peltier	Built-in Peltier
Temperature control range	-	5℃-65℃	5℃-65℃	5℃-90℃
Temperature control stability	-	±0.03℃	±0.02℃	±0.01℃
light source	LED			
wavelength	589nm			
Prism	sapphire			
Sample cell	stainless steel			
Detection method	linear CCD		High-resolution linear CCD	
Display method	7 inch FTF color touch screen			
Output method	USB, RS232			
21CFR PART 11	**NO**			
Packing Size	440*400*340mm			
Power supply	220V / 50Hz			
Gross Weight	7.15kg			

1.3 YK-P Series - Automatic Refractometer

Portable Refractometer

SHANGHAI YUKE INDUSTRY CO. ,LTD

ROOM 1022,SOUTH DISTRICT, No.5616 CAOAN ROAD, ANTING TOWN, JIADING DISTRICT,SHANGHAI

Online Refractometer

在线液体浓度传感器 YK-S-DP	在线液体浓度传感器 YK-SH20-DP	在线液体浓度传感器 YK-SH70
在线液体浓度传感器 YK-ST	在线液体浓度传感器 YK-GS	浸没式液体浓度传感器 YK-PS
在线液体浓度传感器 YK-SH90	在线液体浓度传感器 YK-SH90	探入式液体浓度传感器 YK-PR

SHANGHAI YUKE INDUSTRY CO. ,LTD

ROOM 1022,SOUTH DISTRICT, No.5616 CAOAN ROAD, ANTING TOWN, JIADING DISTRICT,SHANGHAI