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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.

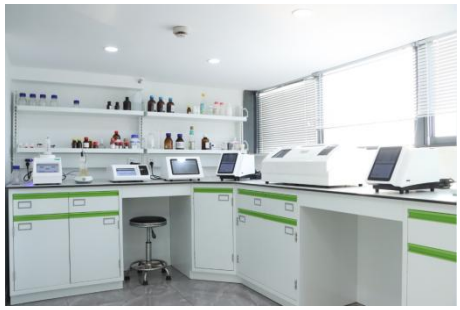
Yuke professional R&D laboratory instruments include: **Thermal Analyzer (DSC/TGA/STA), Microwave Digester, Dissolution system, Melting point meter, Polarimeter, Refractometer, Density meter, Turbidity meter, Dropping point & Softening point tester, Micro heating table, Potentiometric Titration , Moisture 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!





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Viscosity Meter

1.1 Ubbelohde Viscometer

The main features

1. Measurement environment: The constant temperature tank adopts the design principle of stainless steel double chambers and a unique circulation method, and cooperates with the circulation of refrigeration through the refrigerator to ensure that the temperature of the entire measurement tank is uniform and the temperature stability of the fluctuation reaches±0.01°C. The drainage structure (water valve) is designed to facilitate cleaning and drainage.
2. Measurement module: Each measurement unit operates independently without interfering with each other, and the measurement unit can be operated at will, and the key parts are protected by corrosion-resistant materials. (Stand difference of each measuring unit: within 0.1s, keep the online cleaning module interface)
3. Measurement method: The measurement unit adopts two pairs of imported stainless steel optical fiber sensing devices, which ensure accurate detection. The sensing device can be automatically adjusted according to the color depth of the measured sample to meet the samples of different color depths, and has the characteristics of corrosion resistance, temperature resistance and long life.
4. Viscosity tube connection method: The cover method is adopted, which is easy to connect and operate, reduces the loss of the viscosity tube, and replaces the traditional (rubber cap and briquetting) viscosity tube connection method.
5. Viscosity measurement software: The software is compiled according to the industry, national and international standard methods, the user only needs to select the standard method to run, and the result will be calculated automatically. The software supports Win7 and above systems. Software optimization and upgrade, measurement repeatability error control within (±0.05s)

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6. Safety: It has over-temperature protection function and low water level alarm function, and the whole machine has leakage protection function.

Technical parameters

型号	YKSY800-6	YKSY800-4	YKSY800-2
Working temperature range	(RM ~ 100)℃	(RM ~ 100)℃	(RM ~ 100)℃
Temperature control accuracy	±0.01℃	±0.01℃	±0.01℃
Water temperature uniformity	±0.01℃	±0.01℃	±0.01℃
Repeatability error	±0.05s (Note: international, national standard±0.2s)	±0.05s (Note: international, national standard±0.2s)	±0.05s (Note: international, national standard±0.1s)
Measuring unit stage difference	<0.1s	<0.1s	<0.1s
Measurement time range	(0.001～999.999)s	(0.001～999.999)s	(0.001～999.999)s
Timing accuracy	0.001s or 0.1% of the measurement reading	0.001s or 0.1% of the measurement reading	0.001s or 0.1% of the measurement reading
Viscosity range	0.3-50000(mm2/s)	0.3-50000(mm2/s)	0.3-50000(mm2/s)
Number of constant temperature tanks	6	4	2
Flow through recirculating refrigerator	400W	400W	400W
Bit power	1200W	1200W	1200W
Power supply	220V±5% 50HZ	220V±5% 50HZ	220V±5% 50HZ

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1.2 Ulrich Motion Tester——YK-SBQ81834

Brief Introduction

TheYuke® YK-SBQ81834Ulrich Motion Tester can also be used as a high-precision cold bath for other experiments. The instrument adopts an intelligent measurement and control system, can be set with a touch of a button, and can precisely and automatically control the temperature of the test bath, which is especially suitable for the test of dilute solutions in the pharmaceutical industry.

The main features

1. The instrument is novel in design and easy to use.
2. Intelligent measurement and control system: high-precision A/D system, Chinese display.
3. Humanized setting, man-machine dialogue.
4. The instrument control bath is bright and clear.
5. The instrument is easy to set up and easy to operate.
6. A real high-precision digital temperature control system or kinematic viscosity testing system.

Technical parameters

Model	YK-SBQ81834
Working power supply	AC 220V±10%, 50Hz±5%
Heating power	two gears, 1000W+650W
Stirring motor	power 6W; speed 1200r/min
Temperature measurement range	15~100℃
Temperature control accuracy	±0.1℃
Constant temperature bath	capacity, 27L; inner cylinder size 300*400 Form, inner and outer two-layer cylinder (double cylinder) four holes

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Operating environment	ambient temperature -10℃～+35℃, Relative humidity <85%
Temperature sensor	industrial platinum resistance, the graduation number is Pt100
Power consumption of the whole machine	not more than 1800W
Dimensions	length, width and height 600*650*500mm
Weight	40KG

1.3 Ulrich Motion Viscosity Tester——YK-FKV1000

Brief Introduction

This Yuke® YK-FKV1000 Ulrich Motion Viscosity Tester is suitable for measuring the kinematic viscosity of liquid petroleum products (Newtonian liquid) at a certain constant temperature according to the provisions of the People's Republic of China Standard GB/T 265 "Petroleum Products Kinematic Viscosity Measurement Method and Dynamic Viscosity Calculation Method". Viscosity testing requirements.

The main features

1. The Yuke® YK-FKV1000 Ulrich Motion Viscosity adopts the form of an all-in-one machine, and the control switch adopts the form of a light touch key, which is novel in design, compact in structure, and elegant in appearance.
2. Yuke® YK-FKV1000 Ulrich Motion Viscosity adopts intelligent liquid crystal display temperature controller, which can control temperature quickly, respond quickly, overshoot is small, and the temperature control accuracy can reach±0.1℃.
3. With a wire-controlled timing button, it is used for timing display and control during experiments.
4. Using a hard glass cylinder and an electric stirring device, the sample can be observed clearly and the temperature in the bathtub is uniform.

The biggest features of this instrument are: full plastic spraying treatment, durable; ultra-thin LCD temperature controller, novel and advanced; small desktop structure, beautiful and generous; special capillary viscometer.

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Technical parameters

Model	YK-FKV1000
Working power supply	AC(220±10%)V, 50Hz
Heating device	electric heating, power 600W
Stirring motor	power 6W, speed 1200r/min
Temperature control range	room temperature to 100°C
Temperature control accuracy	±0.1℃
Temperature sensor	Industrial platinum resistance, the graduation number is Pt100
Constant temperature bath	single cylinder with 2 holes, cylinder height 240*300
Ambient temperature	room temperature to 35°C
Relative humidity	≤85%
Capillary viscometer	2 Ubbelohde capillaries in total, the inner diameter can be specified by the user or standard by our company
Dimensions	500 ㎜×310 ㎜×500 ㎜(length×width×height)

1.4 Automatic Kinematic Viscometer——YK-265A

Brief Introduction

Good and reliable communication forms a unified and reliable measurement and control platform for each module. The Yuke® YK-265A Automatic Kinematic Viscometer adopts the high-quality, most simple modular program design, and is organically combined with the hardware, so that the heating and constant temperature, liquid level detection, timing, cleaning of the viscosity tube, printing, etc. of the kinematic viscosity measurement process can be done in a complete manner. Auto-completion, reaching the operation mode of one-click to get the result.

The main features

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1. The optical fiber conduction detection method used by this Yuke® YK-265A Automatic Kinematic Viscometer is absolutely different from the ordinary light spot tube detection method of other manufacturers.
2. Good man-machine interface, easy to operate.
3. One-click to complete the determination of Pinnacle kinematic viscosity, simplifying the operation.
4. Four sets of preset parameters for selection.
5. The preset parameters can be modified to meet special requirements.
6. Infrared liquid level detection is not interfered by indoor light and light.
7. The liquid level detection position is adjustable and flexible.
8. All modular designs are stable and reliable.
9. Automatically store 100 test results, and view or print them at any time.
10. The testing process complies with the standard and the data is reliable.
11. The detection method is reliable and repeatable.
12. It can work continuously for a long time, and the failure rate is extremely low.

Technical parameters

Model	YK-265A
Temperature range	room temperature~+100°C, accuracy±0.01°C
Temperature sensor	Pt 100 stainless steel probe imported from Germany, built-in temperature correction, reliable detection results
Heating method	electric heating unit, the maximum heating power is 1500 W, and the heating rate can be programmed and controlled
Liquid level detection	infrared photoelectric detection
Display	10-inch color touch screen
Temperature correction	automatic correction, programmable correction
Data storage	100 sets of test results
Power supply	AC220V 50Hz. Maximum power 1500W
perating ambient temperature	10-40°C
Storage environment temperature	0～50℃

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2.Rotational Viscometer

2.1 Brookfield Rotational Viscometer

Brief intruduction

Widely used in the determination of the viscosity of various liquids such as oil, paint, food, paint, paper, cosmetics, chemicals, capsule adhesives and medicines.

The main features

1. Hot-melt adhesive, asphalt, paraffin and other molten materials testing equipment, this set of equipment has been included in the compilation of industrial standards for adhesives. the
2. It can be used as a stand-alone machine, or it can be connected to a micro-printer and a computer to realize data collection. the
3. It overcomes the disadvantage that domestic instruments can only sample once in one revolution, and realizes the technology of multiple sampling in one revolution. the
4. High subdivision drives the stepper motor to rotate, the speed is accurate and stable, and the change of AC voltage frequency does not affect the accuracy of viscosity measurement. the
5. For thixotropic non-Newtonian liquids, the timing function of the instrument can ensure good consistency data. the
6. Intelligent measurement. Automatically adjust the speed to reduce the difficulty of use for beginners. the
7. Humanized, personalized design, 0.1-200.0RPM speed stepless setting. LCD liquid crystal with blue backlight function, directly display viscosity, speed, percent torque, maximum viscosity value and temperature value of the rotor at the current speed. Viscosity values show a continuous change. There is an alarm sound prompt when the measurement range is exceeded. the
8. Data collection and drawing software can be purchased to realize data collection and data analysis, and the viscosity-temperature curve can be monitored in the whole process. A miniature monochrome printer can also be purchased to realize regular printing of measurement results. the

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9. The instrument's full scale and linearity of each gear are all measured and corrected through the computer interface, and its measurement performance and functions have reached the advanced level of the same type abroad. the
10. Using 16-bit microcomputer processor as the core, high subdivision drive stepper motor, digital LCD with blue backlight function. the
11. Different standard rotors can be selected as required. the
12. According to the need, you can choose the standard material of the Metrology Bureau to calibrate the viscometer, so that the inspection level can be in line with the international standard.

Technical parameters

Model	YK-NDJ-1F
Measuring range of medium viscosity	50-10 million (mPa•s/cP), number of standard rotors: 4 (21#, 27#, 28#, 29#). Optional No. 0 rotor, the measurement lower limit can reach 5mPa.s/cP
Low viscosity measurement range	5-1 million (mPa•s/cP), standard rotor number: 4 (21#, 27#, 28#, 29#). Optional No. 0 rotor, the measurement lower limit can reach 1mPa.s/cP
The temperature control range of the heating furnace	room temperature +10°C-250°C (if you need a higher temperature, please specify)
Temperature control accuracy of heating furnace	±0.1℃
Speed	0.1 rev/min-200.0 rev/min stepless speed change (no gear drive)
Measurement accuracy	±1.0% (full scale)
Reproducibility	0.5% (full scale)
Input voltage	110V/220V
Input frequency	50Hz/60Hz
Optional accessories	Ultra-low viscosity adapter (rotor 0), micro-printer, SNB data acquisition and plotting software, standard oil

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2.2 Brookfield Heating Viscometer

NDJ-1C

Brief intruduction

The newly designed NDJ-1C high-temperature Brookfield rotational viscometer not only has more modern aesthetic elements in appearance, but also has more convenient operation, more accurate measurement and more complete functions. Brookfield rotational viscometer (NDJ-1C) can measure the dynamic viscosity of hot melt adhesive, asphalt, paraffin and other high temperature melting materials. This machine adopts the latest international microcomputer drive technology, imported stepping motor, and LCD backlight display. It has functions such as timing measurement, level bubble front, stable speed, good accuracy, programmed design, easy operation, and error alarm. The screen directly displays Viscosity, speed, percent torque, rotor number, temperature of the liquid to be measured, etc. The instrument's full scale and linearity of each gear are all measured and calibrated through the PC interface, using standard samples of different viscosities to ensure that the instrument has good accuracy and repeatability.

The main features

1. The measurement data is directly displayed on the LCD screen without secondary calculation.
3. Using switching power supply technology, the voltage and frequency range is wide, and the fluctuation of the power supply will not affect the measurement accuracy.
4. The level display device is on the front of the viscometer, which is very convenient to adjust (new function).
5. The accuracy of the displayed value of the viscosity is accurate to two decimal places, that is, 0.01mPa.S (new function).
6. It has the function of timing measurement, which is very practical for detecting non-Newtonian liquids (new function). the
7. Some wax-like samples have very low viscosity and can be measured with 0# rotor (new function).
8. The high-temperature furnace adopts built-in overall heating, which is evenly heated and has small thermal inertia.
9. The temperature controller adopts the latest algorithm self-tuning PID adjustment technology, and the temperature control is accurate. The large-screen backlit LCD screen directly displays information such as set temperature, actual temperature, working status, heating power, etc., and is easy to operate.

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10. It can automatically display the viscosity range that can be measured by the selected combination.
11. With a printing interface, it can be directly connected to a micro-printer to print various data (new function).

Technical parameters

Model	NDJ-1C
Display mode	backlit LCD, digital display
Speed(r/min)	0.5 / 1 / 2 / 5 / 10 / 20 / 50
Rotor	21#, 27#, 28#, 29#
Measuring range (mPa.s)	10～200,000 (200,000) (standard configuration, using 21, 27, 28, 29# rotors) 1-100 (use 0# rotor) (optional, please specify when ordering)
Measurement error(Newtonian liquid)	±3%
Repeat error(Newtonian liquid)	±0.5%
Heating method	electric heating
Temperature control range	room temperature +10℃～250℃
Temperature control accuracy	0.1℃
Temperature measurement interface	YES
Data output interface	YES
Data processing software	optional
Dimensions (mm)	300 × 300 × 450

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2.3 High Range Digital Rotational Viscometer

Brief introduction

The high range digital rotational viscometer is used to measure the viscous resistance of liquid and the dynamic viscosity of liquid. The high range digital rotational viscometer is used to measure the viscous resistance of liquid and the dynamic viscosity of liquid.

It range digital rotational viscometer is widely used in the determination of the viscosity of various liquids such as oil, paint, food, paint, paper, cosmetics, chemicals, capsule adhesives and medicines.

Technical parameters

Model	NDJ-8S	NDJ-5S
Measuring rotor	#1. #2. #3. #4 four rotors	#1. #2. #3. #4
Measuring speed	0.3, 0.6, 1.5, 3, 6, 12, 30, 60RPM/min	6r/min. 12r/min. 30r/min. 60r/min
Measuring range	10mPa.s·2000000mPa·s(1mPa·S=1cp)	10mPa.s·100000mPa·s(1mPa·S=1cp)
Measurement error	±3%	
Dimensions	95*130*155 (excluding the base)	
Net weight	2kg (excluding the base)	