Shanghai Yoke Instrument Co., Ltd.

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COMPANY INTRODUCTION

Who We Are

Yoke Instrument was founded in 2007. we are a specialized manufacturer in producing analytical instruments ranging from **Spectrophotometer**, **Analytical Balance**, **Moisture Analyzer**, **PH Meter**, **Conductivity Meter** to **Stirrer**, etc. The factory is located in Shanghai covering an area of 3.3 acres.

With good quality and reasonable price, Yoke has successfully established long-term cooperation with domestic and oversea customers. Our products have been exported to Eastern Europe, Middle East, North America and Asia. Yoke is striving to expand business to achieve new leaps and more success.

Certificates

Yoke passed the Certifications of **CE** and **ISO 9001** Quality Management System. We make great efforts to develop new technology and obtained **9 patents** for invention in 2011. We will further promote ourselves and enhance customer satisfaction to create a win-win situation between Yoke and customers.

Factory

Workshop

Workshop

Workshop

Main Products

- ➤ **Spectrophotometer**

- ➤ **Balance**

- ➤ **Moisture Analyzer**

- ➤ **PH Meter**

- ➤ **Conductivity Meter**

- ➤ **Stirrer**

Spectrophotometer

Touch Screen Spectrophotometer

Color Screen Spectrophotometer

Double Beam UV-Vis Spectrophotometer

Single Beam UV-Vis Spectrophotometer

Visible Spectrophotometer

-Yoke Instrument-

Touch Screen Spectrophotometer

The UV-Vis spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

Features:

1. 8 inches high resolution color touch LCD and windows Graphic interface make the instrument easy to operate. The finger touch and mouse can be used equally in the same user interface.

2. the in-house massive memory is capable of saving up to 1024M for test data & working curves. It supports USB & SD card storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.

3. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc

4. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

5. Large room for samples can hold cuvettes of various specifications.

6. Auto 8-cell holder is optional.

Specifications:

Model	U3200	U3100	U3100PCS	U5200	U5100	U5100PCS
Optical System	Single beam			Double beam		
Wavelength Range	190-1100 nm					
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5	2nm	1nm	0.5/1/2/4/5
Wavelength Accuracy	±0.3nm					
Wavelength Repeatability	<=0.1nm					
Photometric Accuracy	±0.3%T(0~100%T)					
Photometric Repeatability	±0.1%T(0~100%T)					
Photometric Range	0-200%T; -0.3A~3A					
Stray Light	<=0.03%T					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.001A			±0.0003A		±0.001A
Work mode	T, A, C, E					
Scanning speed	Fast, Mid, Slow					
Wavelength setting	Auto					
Display	8" color touch LCD					
Light Source	Imported Deuterium &Tungsten lamp					
Detector	Imported Silicon Photodiode					
Output	USB/RS232/SD Card					
Power	AC 220V/50Hz or AC 110V/60Hz					
Dimension	590 x 475 x 250mm					
Net Weight	20kg					
Shipping Size	770*630*340mm					
Gross Weight	26kg					

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Color Screen Spectrophotometer

The series of UV-Vis spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

Features:

1. 7 inches color LCD and windows Graphic interface make the instrument easy to operate.

2. The in-house memory is capable of saving up to 5000 test data or 500 working curves.

3. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc

4. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.

5. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

6. Large room for samples can hold cuvettes of various specifications.

7. Auto 8-cell holder is optional.

Specifications:

Model	N5000	N5000PLUS	N5000SPLUS	N6000	N6000PLUS	N6000SPLUS
Optical System	Single Beam, Grating 1200 lines/mm			Double Beam, Grating 1200 lines/mm		
Wavelength Range	190 nm -1100nm					
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5	2nm	1nm	0.5/1/2/4/5
Wavelength Accuracy	±0.3nm					
Wavelength Repeatability	<=0.1nm					
Photometric Accuracy	±0.3%T(0~100%T)					
Photometric Repeatability	±0.1%T(0~100%T)					
Photometric Range	0-200%T; -0.3A~3A					
Stray Light	<=0.03%T					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0015A			±0.0010A		
Work mode	T, A, C, E					
Scanning speed	Fast, Mid, Slow					
Wavelength setting	Auto					
Display	7" color LCD					
Light Source	Imported Deuterium &Tungsten lamp					
Detector	Imported Silicon Photodiode					
Output	USB/RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Dimension	590 x 475 x 250mm					
Net Weight	20kg					
Shipping Size	770*630*340mm					
Gross Weight	26kg					

-Yoke Instrument-

UV1900 Series
Double Beam UV-Vis Spectrophotometer

1900 series spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

Features:

1. The real double beam metering system, with advanced circuit measurement and control system, make the instrument with high reliability and low noise.

2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc

3. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

4. Large room for samples can hold cuvettes of various specifications.

5. Auto 8-cell holder is optional.

Specifications:

Model	UV1900	UV1901	UV1901PCS
Optical System	Double Beam, Grating 1200 lines/mm		
Wavelength Range	190 nm - 1100nm		
Spectral Bandwidth	2nm	1 nm	0.5/1/2/4/5 nm
Wavelength Accuracy	0.3nm		
Wavelength Repeatability	0.1nm		
Photometric Accuracy	±0.3%T(0~100%T)		
Photometric Repeatability	0.1%T(0~100%T)		
Photometric Range	0-200%T, -0.3A~3A		
Stray light	0.05%T		
Stability	<=±0.0004		
Baseline Flatness	±0.001A		
Noise	0.0005 A	0.0003 A	
Scanning Speed	Fast, Mid, Slow		
Wavelength Setting	Auto		
Light Source	Imported Deuterium &Tungsten lamp		
Display	320*240 LCD		
Photometric Mode	T,A,C,E		
Detector	Imported Silicon Photodiode		
Output	USB port & Parallel port (Printer)		
Power	AC 220V/50Hz or AC 110V/60Hz		
Dimension	590 x 475 x 250mm		
Net Weight	20kg		
Shipping Size	770*630*340mm		
Gross Weight	26kg		

UV1800 Series
Single Beam UV-Vis Spectrophotometer

1800 series spectrophotometer is designed to meet high requirement for precision measurement in the research and production of organic chemistry, biochemistry, medical testing, food testing, environmental protection, water testing industry, etc. The latest ARM system and long optical system ensure high accuracy and good stability of the instrument. They are the best choice of high quality spectrophotometer.

Features:

1. With advanced circuit measurement and control system, make the instrument with higher reliability and low noise.

2. Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc

3. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

4. Large room for samples can hold cuvettes of various specifications.

5. Auto 8-cell holder is optional.

Specifications:

Model	UV1801	UV1801S	UV1800	V1800
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	190 - 1100 nm			320-1100nm
Spectral Bandwidth	1nm	0.5/1/2/4/5nm	2nm	2nm
Wavelength Accuracy	0.3nm		0.5nm	0.3nm
Wavelength Repeatability	0.1nm		0.2 nm	0.2 nm
Photometric Accuracy	±0.3%T		±0.5%T	±0.5%T
Photometric Repeatability	0.1%T(0~100%T)			
Photometric Range	0-200%T, -0.3A~3A			
Stray Light	0.05%T@220nm,360nm			
Stability	±0.001 A/h @500 nm			
Baseline Flatness	±0.002 A			
Noise	±0.001 A			
Scanning Speed	Fast, Mid, Slow			
Wavelength setting	Auto			
Light Source	Imported Deuterium & Tungsten lamp			Imported Tungsten lamp
Display	320*240 dots LCD			
Detector	Imported Silicon Photodiode			
Output	USB port & Parallel port (Printer)			
Power	AC 220V/50Hz; AC 110V/60Hz			
Dimension	590 x 475 x 250mm			
Net Weight	20kg			
Shipping Size	770*630*340mm			
Gross Weight	26kg			

UV1700 Series
Single Beam UV-Vis Spectrophotometer

Features:

1. Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.

2. The optional PC software expands the capabilities of the instrument includes Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test, etc.

3. Adopts 51 microcomputer system, and store 200 test data and 100 standard curves;

4. Plug type deuterium lamp and tungsten lamp transfer lamps without optics debugging.

5. Large sample chamber can accommodate 5-100mm cuvettes of all kinds.

6. Auto 8-cell holder is optional.

Specifications:

Model	UV1700	UV1710	UV1720	V1700	V1710
Optical System	Double beam in proportion; Grating 1200 lines/mm	Single Beam, Grating 1200 lines/mm			
Wavelength Range	190~1100nm			330~1100nm	340~1050nm
Spectral Bandwidth	2 nm				4nm
Wavelength Accuracy	±0.3 nm	±0.5 nm	1nm	±0.5 nm	1nm
Wavelength Repeatability	<=0.1 nm	<=0.2 nm		<=0.1 nm	<=0.2 nm
Photometric Accuracy	0.3%T	0.5%T		0.3%T	0.5%T
Photometric Repeatability	0.2%T				
Photometric Range	0-200%T, -0.3A~3A				
Stray light	0.05%T	0.1%T	0.15%T	0.05%T	0.15%T
Stability	±0.0001A/h @500nm	±0.0002A/h @500nm		±0.0001A/h @500nm	±0.0002A/h @500nm
Baseline Flatness	±0.002 A				
Noise	±0.001 A				
Wavelength Setting	Auto				
Light Source	Imported Deuterium & Tungsten lamp			Imported Tungsten lamp	
Display	128*64 LCD				
Detector	Imported Silicon Photodiode				
Output	USB port & Parallel port (Printer)				
Power	AC 220V/50Hz; AC 110V/60Hz				
Dimension	590*460*220mm				
Net Weight	16kg				
Shipping Size	700*580*340mm				
Gross Weight	20kg				

2000 Series
Single Beam Spectrophotometer

Features:

1. Screen displays wavelength. The reading is clear and accurate and the minimum wavelength display is 0.5nm, which changed the reading mode of the traditional dial.

2. Adopts 128* 64mm dot matrix LCD display.

3. Adjust automatically 0%A and 100%T.

4. Large sample compartment can accommodate 5-100mm path length cuvettes.

5. Can make test of Quantitative and Kinetics with professional PC software.

6. Automatic control of the switching of deuterium and tungsten lamp, automatic wavelength calibration, manual wavelenghth setting.

7. Store 200 measuring data and 50 standard curve.

Specifications:

Model	V2000	UV2000	UV2000PRO
Wavelength Range	320~1100nm	190~1100nm	
Spectral Bandwidth	4nm		2nm
Wavelength Accuracy	2 nm	1.5nm	
Wavelength Repeatability	1nm		
Photometric Accuracy	0.5%T		
Photometric Repeatability	0.2%T		
Stray light	0.1%T @500nm		
Stability	0.002 A@500nm		
Light Source	Tungsten lamp	Deuterium & Tungsten lamp	
Display	128* 64mm dot matrix LCD		
Detector	Silicon Photodiode		
Output	USB port/RS232 port		
Power	AC 220V/50Hz; AC 110V/60Hz		
Dimension	420*350*200mm		
Net Weight	8kg		10kg
Shipping Size	520*450*320mm		
Gross Weight	10kg		12kg

1200 Series
Single Beam Spectrophotometer

Features:

1. 70* 40mm blue-lit LCD displays T, A, C, K, B.

2. Adjust automatically 0%A and 100%T.

3. Large sample compartment can accommodate 5-100mm path length cuvettes.

4. Can make test of Quantitative and Kinetics with professional PC software.

5. Automatic control of the switching of deuterium and tungsten lamp, manual wavelength setting.

6. Store 50 groups of measuring data and 10 groups of K & B value.

Specifications:

Model	V1200	UV1200	UV1200PRO
Wavelength Range	320~1100nm	190~1100nm	
Spectral Bandwidth	4nm		2nm
Wavelength Accuracy	2 nm		
Wavelength Repeatability	1nm		
Photometric Accuracy	0.5%T		
Photometric Repeatability	0.2%T		
Stray light	0.15%T@500nm		
Stability	0.002 A@500nm		
Wavelength Setting	manual		
Light Source	Tungsten lamp	Deuterium & Tungsten lamp	
Display	70*40mm blue-lit LCD		
Detector	Silicon Photodiode		
Output	USB port or RS232 port		
Power	AC 220V/50Hz; AC 110V/60Hz		
Dimension	420*350*200mm		
Net Weight	8kg		10kg
Shipping Size	520*450*320mm		
Gross Weight	10kg		12kg

721- 722 - 752 Spectrophotometer

This series is a simple single beam spectrophotometer. The wavelength is set manually from the dial on the front panel. Direct readout of transmission or absorption on the LED display. Measured values can be transferred to PC via RS232 port for further analysis. Low price and simple design make the model ideal tool for education or routine analysis.

Specifications:

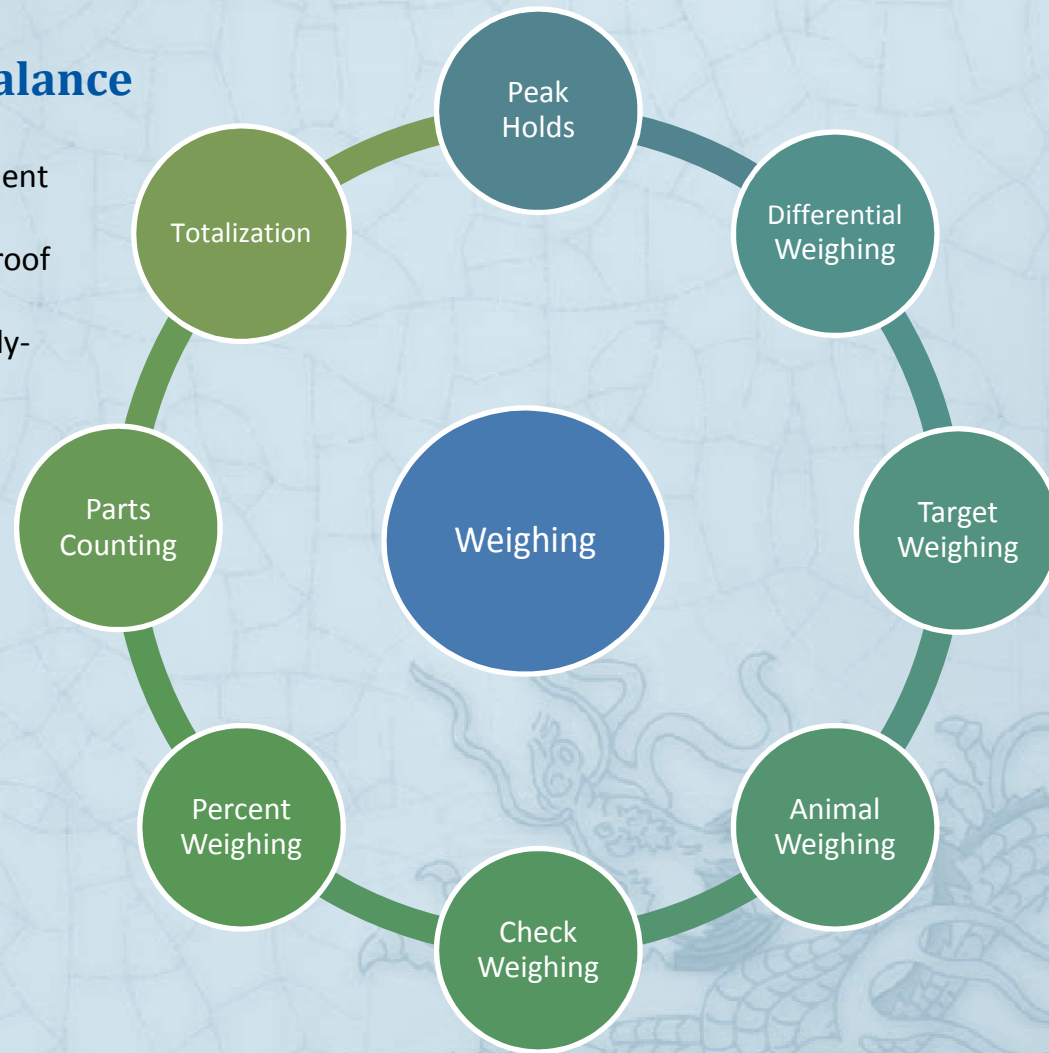| Model	V721	V722	UV752
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	340－1020 nm	320－1020 nm	195-1020 nm
Spectral Bandwidth	6 nm	5 nm	
Wavelength Accuracy	±3 nm	±2nm	
Wavelength Repeatability	1nm		
Photometric Accuracy	±1%T	±0.5%T	
Photometric Repeatability	0.5%T	0.2%T	
Photometric Range	0-200%T, -0.3A~3A		
Stray light	0.5%T	0.3%T	
Stability	0.004 A	0.002A	
Baseline Flatness	±0.002A	±0.002A	
Noise	±0.001 A		
Wavelength Setting	Auto		
Work Mode	T, A, C		
Light Source	Tungsten lamp		Deuterium &Tungsten lamp
Display	4 LCD		
Detector	Silicon Photodiode		
Output	RS-232 port(optional)		
Power	AC 220V/50Hz or AC 110V/60Hz		
Dimension	420*350*200mm		
Net Weight	8kg		10kg
Shipping Size	520*450*320mm		
Gross Weight	10kg		12kg

Balance

Touch Screen Balance

Analytical Balance

Precision Balance

Electronic Balance

SY Series Touch Screen Balance

With large color touch screen, convenient and fast graphic interface, intelligent modular design, windproof and dustproof separated structure design, excellent filtering soft function, SY series is newly-developed new-generation intelligent Balance.

- Peak Holds
- Differential Weighing
- Totalization
- Target Weighing
- Parts Counting
- **Weighing**
- Percent Weighing
- Animal Weighing
- Check Weighing

Features：

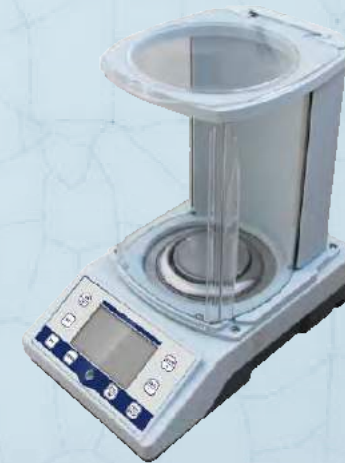|	
Display:	5.7 inch touch screen.
Calibration:	External/ Internal
Interface:	USB/RS232.
Structure:	Display circuit section and CPU digit circuit processing section, and make mechanical sensor completely isolated to avoid mutual interference.
Balance Kits：	Stainless steel cover plate, metal base, plastic upper cover, stainless steel pan, detachable glass wind shield, plastic dust shield, etc.
Main Function:	With wonderful functions of wireless induction, graphic menu of multi manipulation languages, built-in great capacity for data storage, multi-users management, full automatic internal calibration system, etc.
Application:	Weighing, parts counting, percent weighing, check weighing, animal weighing, totalization, target weighing, peak hold, etc.

Specifications:

Model	Maximum Capacity	Readability	Pan Size	Shipping Size /G. W.	Calibration
SY104	100g	0.1mg			
SY204	200g	0.1mg			
SY304	300g	0.1mg			
SY103	100g	1mg			External
SY203	200g	1mg			
SY303	300g	1mg			
SY503	500g	1mg	90mm	450*320*470mm /12kg	
SY104C	100g	0.1mg			
SY204C	200g	0.1mg			
SY304C	300g	0.1mg			
SY103C	100g	1mg			Internal
SY203C	200g	1mg			
SY303C	300g	1mg			
SY503C	500g	1mg			

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FA Series
0.1mg Analytical Balance

Features:

1. Electromagnetic balance sensor

2. External/ Internal calibration weight.

3. Automatic Calibration System.

4. Whole taring.

5. 4-level shockproof.

6. Powerful functions like basic weighing, piece counting, whole automatic taring, checkweighing, percentage , multi-units conversion and animal weighing, etc.

7. Adopting large blue backlighting 120*55 mm LCD screen, which has complete display functions.

8. With the sensor technology of German STL software, supporting multi-point correction, the instrument has stable performance.

9. The windshield of all around antistatic coating can effectively shield the electrostatic interference and the vision is very clear.

10. The built-in RS232 standard interface can connect to printer and computer.
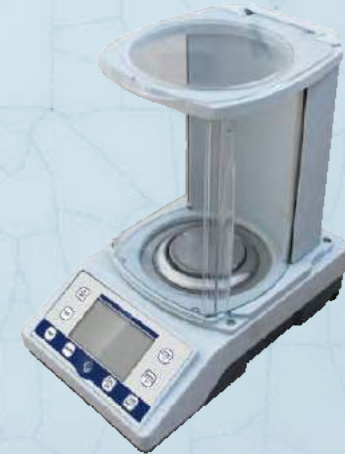
11. Units: g, mg, ct, oz, ozt.

Specifications:

Model	Weighing Range	Readability	Pan Size	Shipping Size /G. W.	Calibration
FA1004B	0-100g	0.1mg	Φ80mm	520*380*500mm /10kg	External
FA1204B	0-120g				
FA2004B	0-200g				
FA2104B	0-210g				
FA2204B	0-220g				
FA1004C	0-100g				Internal
FA1204C	0-120g				
FA2004C	0-200g				
FA2104C	0-210g				
FA2204C	0-220g				

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JA Series
1mg Precision Balance

Features:

1.Electromagnetic balance sensor.

2.External/ Internal calibration weight.

3.Automatic Calibration System.

4.Whole taring.

5. 4-level shockproof.

6. Powerful functions like basic weighing,
piece counting, automatic taring, checkweighing, percentage,
multi-units conversion and animal weighing, etc.

7.Adopting blue backlighting LCD screen, which has
complete display functions.

8.The windshield of all around antistatic coating
can effectively shield the electrostatic interference
and the vision is very clear.

9.The built-in RS232 standard interface can
connect to printer and computer.

10. Units: g, mg, ct, oz, ozt.

Specifications:

Model	Weighing Range	Readability	Pan Size	Shipping Size /G. W.	Calibration
JA1003N	0-100g	1mg	Φ80mm	520*380*500mm /10kg	External
JA2003N	0-200g				
JA3003N	0-300g				
JA5003N	0-500g				
JA1003C	0-100g				Internal
JA2003C	0-200g				

Electronic Balance

Specifications:

Model	Weighing Range	Readability	Pan Size	Shipping Size /G. W.	Power
YP1002	0~100g	10mg			
YP2002	0~200g	10mg			
YP3002	0~300g	10mg			
YP4002	0~400g	10mg			
YP5002	0~500g	10mg			
YP6002	0~600g	10mg			
YP10002	0~1000g	10mg			
YP20002	0~2000g	10mg	Φ130mm		
YP30002	0~3000g	10mg		320*280*150mm /2.4kg	
YP2001	0~200g	100mg			
YP4001	0~400g	100mg			
YP6001	0~600g	100mg			
YP8001	0~800g	100mg			
YP10001	0~1000g	100mg			
YP20001	0~2000g	100mg			
YP30001	0~3000g	100mg			communication & direct current
YP40001	0~4000g	100mg			
YP50001	0~5000g	100mg	Φ165mm		
YP60001	0~6000g	100mg			
YP80001	0~8000g	100mg		360*300*165mm /3.5kg	
YP100001	0-10000g	0.1g	255*190mm		
YP200001	0-20000g	0.1g			
YP1000	0~1000g	1g	Φ130mm		
YP2000	0~2000g	1g			
YP3000	0~3000g	1g		320*280*150mm /2.4kg	
YP5000	0-5000g	1g	Φ165mm		
YP6000	0-6000g	1g			
YP10000	0-10000g	1g	255*190mm	360*300*165mm /3.5kg	
YP20000	0-20000g	1g			

Features:

1. The fluent and novel shape express the pursuit to modern concept.
2. The new design promotes the reaction speed and fixed‐point speed.
3. The unique metal base and mechanical construction ensure a high stability and increase the anti-interference performance.
4. It has various functions such as: multi-units conversion, parts counting, animal weighing, etc.
5. RS232C output interface.

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Moisture Analyzer

Features:

1. The super high resolution back window matrix liquid crystal display (LCD), making it easier to operate in the dark place, and the user will have a more comfortable vision.

2. Touch-tone chain plate makes the operation easier.

3. The high precision heat insulation type sensor makes the temperature for data acquisition reliable.

4. The use of halide torch for heating and curing make warming more rapidly and test time shorter.

5. In the process of test, the dry state can be directly confirmed to speculate the finish time.

6. It is equipped with automatic peeling function. it can measure immediately and continuously, and also measure accurately through the zero drift correction.

7. The Halogen drying method moisture analyzer can test the free water content of chemical raw materials, grain, mineral, biological product, food, pharmaceutical raw materials, paper, textile raw materials, etc.

Specifications:

Model	DSH-10A	DSH-50A-1	DSH-50A-5	DSH-50A-10	DSH-100A-1	DSH-100A-5	DSH-100A-10
Weighing Range	10g	50g	50g	50g	100g	100g	100g
Readability	10mg	1mg	5mg	10mg	1mg	5mg	10mg
Weighing Repeatability	0.05g	0.005g	0.005g	0.05g	0.005g	0.005g	0.05g
Advised Sample Amount	3-5g						
Heat up time	1-99minutes, 1 minute interval						
Temperature Program	Standard						
Terminal Control	Timing, Automatic						
Heating Temperature Range	50-180°C						
Showing Content	Moisture%, Solid%, Weight, Time, Data etc						
Heating Source	Halogen Lamp						
Pan Size	Φ100mm						
Dimension	265x160x150mm						
Net Weight	4kg						
Package Size	530x380x340mm						
Gross Weight	6kg						

pH & Conductivity Meter

P8 Series

P6 Series

PHS-3E

PHS-3C

DDS-307A

DDS-11A

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P8 Series
Touch Screen pH & Conductivity Meter

Features:

1. The instrument is equipped with large LCD touch screen and English operation system for easy use.

2. The instrument can recognize 13 types of pH standard buffers automatically. There are USA, NIST and CH series of standard buffer solution for option. Custom solution calibration.

3. It has functions such as auto/manual temperature compensation, auto calibration and USB data storage, clock display, function setting, self-diagnosis information, etc.

4. The data can be stored, deleted, printed and viewed, and the quantity of measuring data can be maximized to 200 sets.

5. It has standard USB interface. To match with data collecting software, it can be communicated with computer.

6. It is equipped with pH combined electrode, temperature sensor and buffer.

	Model	P813	P812	P811	P801	P802
pH	Measuring range	(-1.999 ~ 19.999)pH	/	(-1.999 ~ 19.999)pH	(-2.00 ~ 19.99)pH	/
	Resolution	0.1/0.01/0.001 pH		0.1/0.01/0.001 pH	0.1/0.01 pH	
	Accuracy	Meter:±0.002 pH, connect meter with electrode: ±0.01pH		Meter: ±0.002 pH, connect meter with electrode:±0.01pH	Electrode: ±0.01 pH, Complement: ±0.02 pH	
	Input current	≤1×10-12 A		≤1×10-12 A	≤1×10^{-12} A	
	Input impendance	≥3×1012 Ω		≥3×1012 Ω	≥3×10^{12} Ω	
	Stability	±0.002 pH/3h		±0.002 pH/3h	±0.01 pH/3h	
	Temp. compensation range	(0 ~ 100)℃(Auto/Manual)		(0 ~ 100)℃(Auto/Manual)		
mV	Measuring range (mV/ORP/EH)	-1999.9mV ~ 0 ~ 1999.9mV	/	1999.9mV ~ 0 ~ 1999.9mV	-1999mV ~ 0 ~ 1999mV	/
	Resolution	0.1mV	/	0.1mV	1mV	
	Accuracy	±0.03% FS	/	±0.03% FS	±0.1% FS	
Conductivity	Measuring range	Conductivity: (0.00~20.00)µS/cm (20.0~200.0)µS/cm (200~2000)µS/cm (2.00~20.00)mS/cm (20.0~200.0)mS/cm (200~2000)mS/cm(K=10) TDS:(0 ~ 100)g/L Salinity:(0 ~ 100)ppt Resistivity:(0 ~ 100)MΩ·cm	/		/	Conductivity: (0~200) ms/cm (0.00~20.00)µS/cm (20.0~200.0)µS/cm (200~2000)µS/cm (2.00~20.00)mS/cm (20.0~200.0)mS/cm TDS:(0 ~ 100)g/L Salinity:(0 ~ 100)ppt Resistivity: (0 ~ 100)MΩ·cm
	Resolution	0.01/0.1/1µS/cm; 0.01/0.1/1 mS/cm				0.01/0.1/1µS/cm; 0.01/0.1/0.1 mS/cm
	Accuracy	Meter: ±0.5% FS, connect meter with electrode: ±0.80% FS				Electrode: ±1.0% FS, Complement:1.50FS
	Temp. compensation range	(0 ~ 50)℃(Auto)				(0~50) ℃ (Auto)
	Electrode constant	0.1 / 1 / 10 cm^{-1}				0.1 / 1 / 10 cm^{-1}
Temperature	Measuring range	-10℃~ 110℃				
	Resolution	0.1℃				
	Accuracy	5~ 60℃range: ±0.4℃ other range: ±0.8℃				
Other Technical Parameters	Data storage	2000 groups				
	Storage content	Measuring value series number, measuring value, temperature, ATC or MTC state, measuring date and time				
	Power	DC19V/500mA				
	Communication connector	USB				
	Shipping size/G.W.	330 × 270 × 280mm/2kg				
Working Condition	Environment Temp.	15 ~ 30 ℃ (0.001grade)				
	Environmental	≤75%				

P6 Series
Portable pH & Conductivity Meter

Features:

1. Large screen blue backlit display.

2. With intelligent functions of time display, full automatic calibration, automatic power off, power-off protection, automatic calibration, manual and auto temperature compensation, automatic diagnosis and etc.

3. Undervoltage prompt and automatic power off can extend battery life.

4. Optional 5 kinds of PH buffer solution can make 1-3 point automatic calibration.

5. Can test PH value for ultrapure water, pure water and boiler water by adjusting equipotential point and special electrode.

6. Ability to store test result, cancel, view and print. Can store 200 groups of data.

7. With waterproof portable suitcase and folding holder, the level of protection for outer layer is IP67.

8. Automatic identification of 12 kinds of PH standard buffer solution. There are USA, NIST and CH series of standard buffer solution for option. Custom solution calibration.

9. It is equipped with pH combined electrode, temperature sensor and buffer.

Model		P613	P612	P611
PH	Measuring range	(-2.00~19.99)pH	/	(-2.00~19.99)pH
	Resolution	0.1/0.01 pH	/	0.1/0.01 pH
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH	/	Meter:±0.01pH; Overall: ±0.02pH
	Input impendance	$\geq 1 \times 10^{12}$ Ω	/	$\geq 1 \times 10^{12}$ Ω
	Stability	±0.01 pH/3h	/	±0.01 pH/3h
	Temp. compensation range	(0~100)℃ (Auto)	/	(0~100)℃ (Auto)
ORP	Measuring range (mV/ORP/EH)	-1999mV ~ 0 ~ 1999mV	/	-1999mV ~ 0 ~ 1999mV
	Resolution	1mV	/	1mV
	Accuracy	±0.1% FS	/	±0.1% FS
Conductivity	Measuring range	Conductivity: (0.00~19.99)μS/cm (20.0~199.9)μS/cm (200~1999)S/cm (2.00~19.99)mS/cm (20.0~199.9)mS/cm TDS:(0~100)g/L Salinity:(0~100)ppt Resistivity:(0~100)MΩ·cm	/	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1 mS/cm	/	
	Accuracy	±1.0% FS, Overall:±1.5% FS	/	
	Temp. compensation range	(0~50)℃(manual)	/	
	Electrode constant	0.1 / 1 / 10 cm^{-1}	/	
Other Technical Parameters	Data storage	1000 groups		
	Power	Two AA batteries (1.5V x2)		
	Shipping size/G.W.	(380×100×300)mm/1Kg		
Working Condition	Environment Temp.	5~35 ℃(0.01grade)		
	Environmental humidity	≤85%		
	IP rating	IP57 Dustproof and waterproof		

PHS-3E
Benchtop pH Meter

Features:

1. Large screen, LCD display, dual parameter.

2. Automatic buffer recognition and 2-point calibration.

3.Manual and auto temperature compensation.

4.Simultaneous measurement or display of pH value, temperature and mV(ORP).

5.It is equipped with pH combined electrode, temperature sensor and buffer.

Included Accessaries:

1. E-201-9 Combined Electrode

2. T-818-B-6 Temperature Electrode

3. Multi-function Electrode Holder

4. Fuse BGXP Φ5*20 0.5A

5. Buffer Solution

6. Universal Adapter

Specifications:

Accuracy：0.01

1.Measuring range

pH: -2 ~ 18.00pH

mV:（-1999 ~1999）mV

Temperature: (0 ~ 99.9)℃ Auto/manual

2.Resolution

pH: 0.01pH

mV: 1mV

Temperature: 0.1℃

3. Basic Error

pH: ±0.01pH±1 bit

mV：±0.1% FS

Temperature：±0.3℃±1 bit

4.Input impedance: $\geqq 1\times10^{12}\Omega$

5.Stability: ±0.01 pH/3h

6.Temperature compensation range: (0 ~ 99.9)℃ Auto/manual

7.Power supply: 220V/110V

8.Dimension: 320×220×90mm

9.Net Weight: 1.5kg

10.Shipping Size: 330x260x280mm

11.Gross Weight: 2kg

PHS-3C
Benchtop pH Meter

Features:

1.1/2LED display.

2.It has the function of manual temperature compensation, 1 or 2 point calibration.

3.It is equipped with pH combined electrode and buffer.

Included Accessaries:

1. E-201-9 Combined Electrode

2. Multi-function Electrode Holder

3. Fuse BGXP Φ5*20 0.5A

4. Buffer Solution

5. Universal Adapter

Specifications:

1.Measuring range

pH: (0.00~14.00)pH

mV: (-1999 ~1999)mV

2.Resolution

pH: 0.01pH

mV: 1mV

3. Basic Error

pH: ±0.01pH±1 bit

mV: ±1mV±1 bit

4.Input impedance: $>=1\times10^{12}\Omega$

5.Stability: ±0.01 pH/3h

6.Range of temperature compensation: (0.0～60.0)℃ Manual

7.Power supply: 220V/110V

8.Dimension: 320×220×90mm

9.Net Weight: 1.5kg

10.Shipping Size: 330x260x280mm

11.Gross Weight: 2kg

DDS-307A
Benchtop Conductivity Meter

Features:

1. Large screen and LCD segmented display.

2. It functions as auto and manual temperature compensation.

3. If matched with the titanium alloy sensor of $0.01cm^{-1}$ and sealed measuring reservoir, it can test high purity water.

4. It is equipped with DJS-1C platinum black probe and T-818-B-6 temperature sensor.

Included Accessaries:

1.DJS-1C Platinum-black Probe

2.T-818-B-6 Temperature Sensor

3.Multi-function Electrode Holder

4. Fuse BGXP Φ5*20 0.5A

3.Universal Adapter

Specifications:

1. Measuring range: Conductivity: 0.00μS/cm-100μS/cm; TDS: 0-1000 mg/L; Temperature: 0.0-60.0 °C

2. Accuracy: Conductivity: ±0.5%FS; T D S: ±1.0%FS; Temperature: ±0.3°C±1 bit

3. Stability: (±0.33%FS±1 digital)/3h

4. Temperature compensation range: Manual/Auto (0.0-40.0)°C

5. Temperature compensation coefficient: 2%

6. Power supply: 220V / 110V

7. Dimension: 300×200×72mm

8. Net Weight: 1.5kg

Conductance Constant and corresponding Conductivity measuring range

Electrodeconstant (K) (cm^{-1})	0.01	0.1	1	10
Measuring range (μS/cm)	0.0 ~ 2.0	0.2 ~ 20.0	$2 \sim 1 \times 10^4$	$1 \times 10^4 \sim 1 \times 10^5$

DDS-11A
Benchtop Conductivity Meter

Features:

1. With 3 1/2 LED, display is clear and precision is high.

2. Electrode constant compensation.

3. Manual temperature compensation.

4. It is equipped with DJS-1C platinum black probe.

Included Accessaries:

1.DJS-1C Platinum-black Probe

2.Multi-function Electrode Holder

3. Fuse BGXP Φ5*20 0.5A

4.Universal Adapter

Specifications:

1.Measuring range: The measuring range is $(0\sim2\times10^5)$ uS/cm. The instrument has five ranges and can be changed through band switch by manual (by electrode with constant).

Range	Measuring range	Resolution
2 uS/cm	0.001~2 uS/cm	0.001 uS/cm
20 uS/cm	0.01~20 uS/cm	0.01uS/cm
200 uS/cm	0.1~200 uS/cm	0.1uS/cm
2 mS/cm	0.001~2.mS/cm	0.001mS/cm
20 mS/cm	0.01~20 mS/cm	0.01mS/cm

NOTE: To measure high conductivity, a larger constant electrode is commonly used. If the conductivity is over 10000 uS/cm, the electrode with constant of 10 cm-1 is used and the measuring range is extended to 2×10^5 uS/cm.

2. Accuracy of the electronic unit : ±1.0%(FS) ±1bit

3.Accuracy of the meter: ±1.5%(FS) ±1bit

4. Range of Temperature compensation: 5-35℃

5.Normal operation conditions:

(1) Ambient temperature: (5-35)℃

(2) Relative humidity: not more than 85%

(3) Power source: 220V/110V

(4) Without any notable vibration.

(5)No strong electromagnetic interference to surrounding except the geomagnetic field.

Intelligent Stirrer R100

Features:

1.LED display.

2.Intelligent chip design, ability to set and store the stirring rate, switch between two kinds of stirring speed and set timing.

3. Optional 5-speed, 2 modes of forward and bidirectional switching.

4. Equipped with strut and electrode clip, which is used as stirred electrode stand.

5. Waterproof design.

Specifications:

Speed range	Five-speed
Maximum mixing capacity	1000ml
Face diameter	Φ100mm
Maximum operating current	150mA
Maximum power consumption	1.5W
Size of the electrode clip mount	Φ16mm (2 holes), Φ13mm (1 hole)
Electrode holder's Landing distance	0~100mm
Power adapter	DC12V Power adapter
Dimensions and Net Weight	Φ100 x 160 x 48mm /0.6kg
Shipping Size and Gross Weight	230 x 220 x 110mm /1kg

Thank You!

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