UVISON

Contents

X Series Flashing Xenon Lamp Spectrophotometer

Windows Graphic Interface

- High quality flashing xenon lamp is from Hamamatsu, which can start to test directly without preheating. The lamp can be used at least 3-year.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc.
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer, etc.

Model	X8000	X8001	X8001S	X9000	X9001	X9001S
Optical System	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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T,-0.3~3A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0002A	±0.001A		±0.0002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	7" TFT Color Screen			10.1" TFT Colored Capacitive Touch Screen		
Light Source	Imported Xenon Lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm single hole cell holder					
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm	880*690*520mm		810*660*390mm		880*690*520mm
Gross Weight	27kg	45kg		27kg		45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UVISON
Technologies

T Series PMT Spectrophotometer

Windows Graphic Interface

- The use of photomultiplier tube as a detector offers exceptional sensitivity.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer, etc.

Model	T8000	T8001	T8001S	T9000	T9001	T9001S
Optical System	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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T, -4~4A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0002A	±0.001A		±0.0002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	7" TFT Color Screen			10.1" TFT Colored Capacitive Touch Screen		
Light Source	Imported Deuterium & Tungsten lamp					
Detector	Imported Photomultiplier Tube					
Cuvette Holder	10mm single hole cell holder					
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm	880*690*520mm		810*660*390mm		880*690*520mm
Gross Weight	27kg	45kg		27kg		45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UVISON
Technologies

M Series PC Controlled Spectrophotometer

- PC controlled design without display screen and keyboard, and easy to operate on a computer.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in thermal printer, etc.

Model	M4000	M4001	M4001S	M5000	M5001	M5001S
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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T,-0.3~3A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.0002A	±0.001A		±0.0002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	No Screen					
Light Source	Imported Deuterium &Tungsten lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm manual 4-cell holder			10mm single hole cell holder		
Output	USB					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm					880*690*520mm
Gross Weight	27kg					45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UVISON
Technologies

K Series Touch Screen Spectrophotometer

Windows Graphic Interface

- 10.1 inches high resolution TFT colored capacitive touch screen and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer, etc.

Model	K7000	K7001	K7001S	K9000	K9001	K9001S
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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T,-0.3~3A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.002A	±0.001A		±0.002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	10.1" TFT Colored Capacitive Touch Screen					
Light Source	Imported Deuterium &Tungsten lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm manual 4-cell holder			10mm single hole cell holder		
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm					880*690*520mm
Gross Weight	27kg					45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UVISON
Technologies

K Series Color Screen Spectrophotometer

Windows Graphic Interface

- 7 inches TFT color screen and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, peltier/sipper system, 21 CFR compliant software, built-in printer, etc.

Model	K6000	K6001	K6001S	K8000	K8001	K8001S
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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T,-0.3~3A, 0-9999C (0-9999F)					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.002A	±0.001A		±0.002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	7" TFT Color Screen					
Light Source	Imported Deuterium & Tungsten lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm manual 4-cell holder			10mm single hole cell holder		
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm					880*690*520mm
Gross Weight	27kg					45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UvisON
Technologies

U Series Touch Screen Spectrophotometer

Windows Graphic Interface

- 8 inches high resolution capacitive color touch screen and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc.
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, 21 CFR compliant software, etc.

Model	U3200	U3100	U3100S	U5200	U5100	U5100S
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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T, -0.3~3A, 0-9999C					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.002A	±0.001A		±0.002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	8" TFT Colored Capacitive Touch Screen					
Light Source	Imported Deuterium &Tungsten lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm manual 4-cell holder			10mm single hole cell holder		
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm					880*690*520mm
Gross Weight	27kg					45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

UViSon Technologies

N Series Color Screen Spectrophotometer

Windows Graphic Interface

- 7 inches TFT color screen and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- In-house massive memory is capable of saving up to 1024M for test data & working curves.
- Supports USB storage. The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, 21 CFR compliant software, etc.

Model	N5000	N5000Plus	N5000S	N6000	N6000Plus	N6000S
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	±0.1nm@656.1nm, ±0.3nm@all					
Wavelength Repeatability	≤0.1nm					
Photometric Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)					
Photometric Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)					
Photometric Range	0-200%T,-0.3~3A, 0-9999C					
Stray Light	≤0.03%T@220nm, 360nm					
Stability	±0.0005A/h@500nm			±0.0003A/h @500 nm		
Baseline Flatness	±0.002A	±0.001A		±0.002A	±0.001A	
Noise	0.0005A@500nm					
Work Mode	T, A, C, E					
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)					
Wavelength Setting	Auto					
Display	7" TFT Color Screen					
Light Source	Imported Deuterium & Tungsten lamp					
Detector	Imported Silicon Photodiode					
Cuvette Holder	10mm manual 4-cell holder			10mm single hole cell holder		
Output	USB drive, USB host, RS232					
Power	AC 220V/50Hz or AC 110V/60Hz					
Shipping Size	810*660*390mm					880*690*520mm
Gross Weight	27kg					45kg
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software					

Uvison Technologies

1900 series Double Beam Spectrophotometer

- Large 320*240 dots highlighted LCD.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- The real double beam metering system, with advanced circuit measurement and control system, make the instrument high reliability and low noise.
- The USB port can be used for data transfer and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, 21 CFR compliant software, etc.

Model	UV1900	UV1901	UV1901S
Optical System	Double Beam, Grating 1200 lines/mm		
Wavelength Range	190 nm-1100nm		
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all		
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,-0.3~3A, 0-9999C		
Stray Light	0.05%T@220nm,360nm		
Stability	±0.0003A/h @500 nm		
Baseline Flatness	±0.0002A	±0.001A	
Noise	0.0005A@500nm		
Work Mode	T, A, C, E		
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)		
Wavelength Setting	Auto		
Display	320*240 LCD		
Light Source	Imported Deuterium &Tungsten lamp		
Detector	Imported Silicon Photodiode		
Cuvette Holder	10mm single hole cell holder		
Output	USB port & Parallel port (Printer)		
Power	AC 220V/50Hz or AC 110V/60Hz		
Shipping Size	810*660*390mm		880*690*520mm
Gross Weight	27kg		45kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software		

UVISON
Technologies

1800 Series Single Beam Spectrophotometer

- Large 320*240 dots highlighted LCD.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multi-wavelength test, etc
- The newly designed excellent optical system and high performance holographic blazed grating ensure the low stray light of the instrument.
- The USB port can be used for data transfer and storage.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, 21 CFR compliant software, etc.

Model	UV1800	UV1801	UV1801S	V1800
Optical System	Single Beam, Grating 1200 lines/mm			
Wavelength Range	190-1100nm			320-1100nm
Spectral Bandwidth	2nm	1nm	0.5/1/2/4/5	2nm
Wavelength Accuracy	0.5nm	±0.1nm@656.1nm, ±0.3nm@all		
Wavelength Repeatability	0.2 nm	0.1nm		0.2 nm
Photometric Accuracy	±0.5%T	±0.3%T		±0.5%T
Photometric Repeatability	0.1%T(0~100%T)			
Photometric Range	0-200%T,-0.3~3A, 0-9999C			
Stray Light	0.05%T@220nm,360nm			
Stability	±0.0005A/h@500nm			
Baseline Flatness	±0.002 A			
Noise	±0.001 A			
Work Mode	T, A, C, E			
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)			
Wavelength Setting	Auto			
Display	320*240 LCD			
Light Source	Imported Deuterium & Tungsten lamp			Imported Tungsten lamp
Detector	Imported Silicon Photodiode			
Cuvette Holder	10mm manual 4-cell holder			
Output	USB port & Parallel port (Printer)			
Power	AC 220V/50Hz; AC 110V/60Hz			
Shipping Size	810*660*390mm			
Gross Weight	27kg			
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual , PC software			

UVISON
Technologies

1700 Series Single Beam Spectrophotometer

- Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
- The instrument has basic functions of photometric analysis and quantitative analysis. With PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc. PC software included.
- Adopts 51 microcomputer system, and can store 200 test data and 100 standard curves.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as 50/100mm manual 4-cell holder, auto 8-cell holder, film holder, 21 CFR compliant software, etc.

Model	UV1700	UV1710	UV1720	V1700	V1710
Optical System	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,-0.3~3A, 0-9999C				
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				
Work Mode	T, A, C, E				
Wavelength Setting	Auto				
Display	128*64 LCD				
Light Source	Imported Deuterium & Tungsten lamp			Imported Tungsten lamp	
Detector	Imported Silicon Photodiode				
Cuvette Holder	10mm manual 4-cell holder				
Output	USB port & Parallel port (Printer)				
Power	AC 220V/50Hz; AC 110V/60Hz				
Shipping Size	700*580*340mm				
Gross Weight	20kg				
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual , PC software				

Uvison Technologies

1600 Series Single Beam Spectrophotometer

- Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
- The instrument has basic functions of photometric analysis and quantitative analysis. With PC software, it expands the applications, such as spectral scanning, kinetics, DNA/protein analysis, multi-wavelength test, etc. PC software is optional.
- Adopts 51 microcomputer system, and can store 200 test data and 100 standard curves.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as 50/100mm manual 4-cell holder, auto 8-cell holder, film holder, PC software, 21 CFR compliant software, etc.

Model	UV1600	UV1610
Optical System	Single Beam, Grating 1200 lines/mm	
Wavelength Range	190 nm-1100nm	
Spectral Bandwidth	2nm	4nm
Wavelength Accuracy	1nm	
Wavelength Repeatability	≤0.5nm	
Photometric Accuracy	0.5%T	
Photometric Repeatability	0.3%T	
Photometric Range	0-200%T,-0.3~3A, 0-9999C	
Stray light	0.3%T	
Stability	±0.002A/h @500nm	
Baseline Flatness	±0.002 A	
Noise	±0.001 A	
Work Mode	T, A, C, E	
Wavelength Setting	Auto	
Display	128*64 LCD	
Light Source	Deuterium & Tungsten lamp	
Detector	Silicon Photodiode	
Cuvette Holder	10mm manual 4-cell holder	
Output	USB port & Parallel port (Printer)	
Power	AC 220V/50Hz; AC 110V/60Hz	
Shipping Size	700*580*340mm	
Gross Weight	20kg	
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual	

2000 Series Single Beam Spectrophotometer

- 128* 64mm dot matrix LCD can display wavelength. Minimum wavelength display 0.5 nm.
- Can make test of Quantitative and Kinetics with professional PC software.
- Adjust automatically 0%A and 100%T.
- Store 200 measuring data and 50 standard curve.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Automatic control of the switching of deuterium and tungsten lamp, automatic wavelength calibration, manual wavelenght setting.
- PC software is optional.

Model	V2000	UV2000	UV2000Pro
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	320 nm-1100nm	190 nm-1100nm	
Spectral Bandwidth	4nm		2nm
Wavelength Accuracy	2nm	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		
Wavelength Setting	Manual		
Work Mode	T, A, C		
Display	128* 64mm dot matrix LCD		
Light Source	Tungsten lamp	Deuterium & Tungsten lamp	
Detector	Silicon Photodiode		
Cuvette Holder	10mm manual 4-cell holder		
Output	USB, RS232		
Power	AC 220V/50Hz; AC 110V/60Hz		
Shipping Size	520*450*320mm		
Gross Weight	10kg		
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual		

UVISON
Technologies

1200 Series Basic Spectrophotometer

- 70* 40mm blue-lit LCD can display T, A, C, K, B.
- Can make test of Quantitative and Kinetics with professional PC software.
- Adjust automatically 0%A and 100%T.
- Store 50 groups of measuring data and 10 groups of K & B value.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Automatic control of the switching of deuterium and tungsten lamp, manual wavelenght setting.
- PC software is optional.

Model	V1200	UV1200	UV1200Pro
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	320 nm-1100nm	190 nm-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		
Work Mode	T, A, C		
Display	70 * 40mm blue-lit LCD		
Light Source	Tungsten lamp	Deuterium & Tungsten lamp	
Detector	Silicon Photodiode		
Cuvette Holder	10mm manual 4-cell holder		
Output	USB, RS232		
Power	AC 220V/50Hz; AC 110V/60Hz		
Shipping Size	520*450*320mm		
Gross Weight	10kg		
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual		

UViSON
Technologies

1000 Series Basic Spectrophotometer

1000 series is a basic spectrophotometer, which is widely used in education in universities and colleges, food & beverage production and quality control, agricultural monitoring, etc. It is an ideal choice for routine analysis and gerneral experiments. Measured values can be transferred to PC via RS232 port for further analysis. PC software is optional.

Model	V1000	V1100	UV1100
Optical System	Single Beam, Grating 1200 lines/mm		
Wavelength Range	340 -1020nm	330-1020nm	195-1020nm
Spectral Bandwidth	6nm	5nm	
Wavelength Accuracy	±3nm	±2nm	
Wavelength Repeatability	1nm		
Photometric Accuracy	±1%T	±0.5%T	
Photometric Repeatability	0.5%T	0.2%T	
Stray light	0.5%T	0.3%T	
Stability	0.004A	0.002A	
Wavelength Setting	Manual		
Work Mode	T, A, C		
Display	4 LCD		
Light Source	Tungsten lamp		Deuterium & Tungsten lamp
Detector	Silicon Photodiode		
Cuvette Holder	10mm manual 4-cell holder		
Output	RS232		
Power	AC 220V/50Hz or AC 110V/60Hz		
Shipping Size	520*450*320mm		
Gross Weight	10kg		
Standard Accessaries	10mm glass cuvette x 4, 10mm quartz cuvette x 2 (UV) , Power cord, User's Manual		

UVISON
Technologies

Accessaries

Single hole film holder

Auto 8-cell holder

single hole cell holder-10mm

Manual 4-position film holder

Integrating Sphere

Manual 4-cell holder-100mm

Adjustable XY micro cell holder

Tube rack

Peltier/Sipper system

UVISON
Technologies

P9 Series pH/EC/DO Meter

· pH · mV · Cond. · Res · TDS · Sal · DO · Temp.

General Features:

- 5-inch LCD screen with 150° viewing angle for clear reading out of 5-meter.
- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, automatic power-off and low voltage alarm, etc.
- Two USB interfaces for PC connection, battery charging, and data transfer.
- 3.5mm electrode interface makes it very easy for electrode connection.
- Auto recognition of different electrodes. The electrode with built-in chip can automatically stores and retrieve calibration data after connecting with meter.
- Can store 300 sets of data including readings, date and time.
- Rechargable battery can last for 30 hours. Auto power off when no operation in 10 minutes.

Features:

- **pH Mode:**
- Auto recognition of 15 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.
- **Conductivity Mode:**
- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5µS/cm ~ 200mS/cm.
- Can switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
- **DO Mode:**
- It has functions of ATC, manual salinity compensation and manual pressure compensation.
- Polarographic DO electrode, short polarization time (3-5 mintues).

Model		P911	P912	P913	P914
Standard Accessaries	Electrode holder	✓	✓	✓	✓
	pH composite electrode	✓		✓	
	Cond. electrode (K=1)		✓	✓	
	DO electrode				✓
	Temperature probe	✓	✓	✓	✓
	pH buffer solution	✓		✓	
	DO filling solution				✓
	Membrane cap				✓
	Cathode polishing paper				✓
	Power adapter	✓	✓	✓	✓
	Manual	✓	✓	✓	✓

UVISON Technologies

Model			P911	P912	P913	P914
Parameters		pH/mV	✓		✓	
		Cond./TDS/Sal./Res.		✓	✓	
		DO				✓
		Temp.	✓	✓	✓	✓
pH	Measuring range	(-2 ~ 19.999)pH	✓		✓	
	Resolution	0.1/0.01pH				
	Accuracy	±0.02 pH				
	Input current	≤2×10-12 A				
	Input impendance	≥1×1012 Ω				
	Stability	±0.002 pH/3h				
	Temp. compensation	(0 ~ 100)℃ , auto/manual				
mV	Measuring range	±1999.9mV	✓		✓	
	Resolution	0.1mV				
	Accuracy	±0.03% FS				
Cond.	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		✓	✓	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm				
	Accuracy	Meter: ±1.50% FS; Electrode: ±1.0% FS				
	Temp. compensation	(0 ~ 50)℃ , auto				
	Electrode constant	0.1 / 1 / 10 cm-1				
DO	Measuring range	(0.000 ~ 90)mg/L (ppm)				✓
	Resolution	0.01/0.1				
	Accuracy	(0 ~ 100) ppt				
	Response time	≤30s (25℃, 90% response)				
	Temp compensation	(0 ~ 50)℃ , auto				
	Salinity compensation	(0.0 ~ 50.0)g/L, manual				
	Pressure compensation	(80 ~ 105)kPa, manual				
	Display parameters	Conc., Saturation, Temp.				
	Electrode type	Polarographic				
Temp.	Measuring range	(-10 ~ 110)℃	✓	✓	✓	✓
	Resolution	0.1℃				
	Accuracy	5 ~ 60℃:±0.4℃ Others: ±0.8℃				
Other	Display	5-Inch white backlit LCD screen	✓	✓	✓	✓
	Data storage	300 sets				
	Power	DC 5V/1A				
	Output	Micro USB & Standard USB				
	Ambient Temp.	5 ~ 45 ℃				
	Ambient Humidity	≤85%				
	IP Grade	IP54				
	Dimension/N.W.	190×130×15mm / 280g				
	Shipping Size/G.W.	470x430x100mm/2.5kg				

UVISON
Technologies

P8 Series pH/EC/DO/Ion Meter

· pH · mV · ISE · Cond. · Res · TDS · Sal · DO · Temp.

General Features:

- 7-inch colored capacitive touch screen with high resolution (1024*600) and high sensitivity.

- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.

- It supports wireless bluetooth printing and PC connection. Real-time data transfer to mobile phone via bluetooth is optional.

- Smart electrode status display to ensure accurate use.

- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Features:

- **pH Mode:**

- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.

- **Conductivity Mode:**

- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5μS/cm ~ 200mS/cm.

- Can switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.

- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.

- **DO Mode:**

- It has functions of ATC, auto salinity compensation and auto pressure compensation.

- Polarographic DO electrode, short polarization time (3-5 mintues).

- **ISE Mode:**

- Can test electric potential, pH, pX, ORP, ion concentration and temperature.

- Can switch 6 kinds of concentration units: μg/L, mg/L, g/L, mol/L, mmol/L, PX.

- Auto recognition of buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3, 4, 5 point calibration.

Uvison Technologies

Model	Description	Application
P811	pH meter	General laboratory pH meter, which can be used in most of the areas related to water quality analysis.
P812	Conductivity meter	Used to measure the conductivity value of conventional aqueous solutions, especially in education and scientific research.
P813	pH/Conductivity meter	Suitable for high-precision pH/conductivity measurement in scientific research, quality control, biotechnology, fine chemicals, etc.
P814	DO meter	Applicable to aquaculture, water source monitoring, sewage treatment and environmental monitoring, etc., also widely used in education and scientific research.
P815	pH/DO meter	Suitable for biotechnology, aquaculture, power plants and environmental protection industries, especially in education and research.
P816	Conductivity/DO meter	Widely used in biotechnology, aquaculture, power plants and environmental protection industries.
P817	pH/Conductivity/DO meter	Suitable for the fields of petroleum, chemical, pharmacy, power plants and environmental protection, also widely used in education and scientific research.
P818-F	Fluoride ion meter	Test and analysis of the fluoride in drinking water, surface water, sea water, living sewage and industrial wastewater and the fluorine ion in mineral , organic, and biological materials.
P818-Na	Sodium ion meter	Suitable for measurement of sodium ion and pH value in natural water, boiler water and industrial drainage, especially for the quality monitoring of high purity water in power plant.
P818-Ca	Calcium ion meter	Test calcium ion and pH value of water solutions. Widely used in the analysis and research of water quality, biochemistry and biomedicine.
P818-Cl	Chloride ion meter	Measure chloride ion and pH value in drinking water, food and sewage.
P818-Br	Bromide ion meter	Test bromide ion and pH value in drinking water, food and sewage.
P818-NO	Nitrate ion meter	Test nitrate ion and pH value in drinking water, food and sewage.
P818-K	Potassium ion meter	Measure potassium ion and pH value in drinking water, food and sewage.
P818-NH	Ammonia Ion Meter	Test ammonia & nitrogen and pH value in drinking water, food and sewage.
P818-Cu	Copper ion meter	Test copper ion and pH value in food, beverage, electroplating industry and sewage.
P818-I	Iodide ion meter	Test iodide ion and pH value in drinking water, food and sewage.

	Model	P811	P812	P813	P814	P815	P816	P817	P818
Standard Accessaries	Mini magnetic stirrer								✓
	Electrode holder	✓	✓	✓	✓	✓	✓	✓	✓
	pH composite electrode	✓		✓		✓		✓	
	Cond. electrode (K=1)		✓	✓			✓	✓	
	DO electrode				✓	✓	✓	✓	
	Ion electrode								✓
	Temperature probe	✓	✓	✓	✓	✓	✓	✓	✓
	Reference electrode								✓
	pH buffer solution	✓		✓		✓		✓	
	DO filling solution				✓	✓	✓	✓	
	Membrane cap				✓	✓	✓	✓	
	Cathode polishing paper				✓	✓	✓	✓	
	Power adapter	✓	✓	✓	✓	✓	✓	✓	✓
	Manual	✓	✓	✓	✓	✓	✓	✓	✓

UVISON
Technologies

Model			P811	P812	P813	P814	P815	P816	P817	P818
Parameters		pH/mV	✓		✓		✓		✓	✓
		ISE								✓
		Cond./TDS/Sal./Res.		✓	✓			✓	✓	
		DO				✓	✓	✓	✓	
		Temp.	✓	✓	✓	✓	✓	✓	✓	✓
pH	Measuring range	(-1.999 ~ 19.999)pH	✓		✓		✓		✓	✓
	Resolution	0.1/0.01/0.001 pH								
	Accuracy	Electrode: ±0.002 pH, Meter: ±0.01 pH								
	Auto calibration	1, 2, 3 point								
	Buffer	Europe & USA, NIST, China standards								
	Input current	≤1×10-12 A								
	Input impedance	≥3×1012 Ω								
	Stability	±0.002 pH/3h								
	Temp. compensation	(0 ~ 100)℃, auto or manual								
mV	Measuring range	-1999.9mV ~ 0 ~ 1999.9mV	✓		✓		✓		✓	✓
	Resolution	0.1 mV								
	Accuracy	±0.03% FS								
pX	Measuring range	(0.000-14.000) pX								✓
	Resolution	0.01 pX								
	Accuracy	±0.02 pX								
	Temp. compensation	(0 ~ 100)℃, auto or manual								
	Auto calibration	1, 2, 3, 4, 5 point								
Ion Conc.	Measuring range	(0-19990)								
	Resolution	4 significant figures (scientific notation)								
	Accuracy	±0.5%								
Cond.	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		✓	✓			✓	✓	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm								
	Accuracy	Electrode: ±0.5% FS, Meter: ±0.8% FS								
	Temp. compensation range	(0 ~ 50)℃, auto								
	Electrode constant	0.1/0.5/1/5/10/50/100 cm-1								
	Reference Temp.	25℃、20℃、18℃								
DO	Measuring range	(0 ~ 20.00) mg/L(ppm) (0 ~ 200.0)%				✓	✓	✓	✓	
	Resolution	0.1/0.01 mg/L(ppm) 1/0.1 %								
	Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L								
	Response time	≤30s (25℃, 90%response)								
	Residual current	≤0.1 mg/L								
	Temp compensation	(0 ~ 45)℃, auto								
	Salinity compensation	(0 ~ 45) ppt, auto								
	Pressure compensation	(80 ~ 105) kPa, auto								
	Auto calibration	Air saturated by water; water saturated by air								
	Electrode type	Polarographic								
Temp.	Range	(-10 ~ 110)℃	✓	✓	✓	✓	✓	✓	✓	✓
	Resolution	0.1℃								
	Accuracy	5 ~ 60℃ :±0.4℃ Others: ±0.8℃								
Other	Display	7-inch colored capacitive touch screen	✓	✓	✓	✓	✓	✓	✓	✓
	Data storage	1000 sets								
	Power	12V/1A								
	Output	USB, Bluetooth								
	Ambient Temp.	15 ~ 30 ℃								
	Ambient Humidity	≤85%								
	IP grade	IP54								
	Dimensions/N.W.	215×170×37mm/600g								
	Shipping Size/G.W.	470x430x72mm/3kg								

UVISON
Technologies

P7 Series pH/EC/DO/ISE Meter

· pH · mV · ISE · Cond. · Res · TDS · Sal · DO · Temp.

General Features:

- 6.5-inch LED screen with concise and friendly-use interface.

- Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.

- It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.

- Smart electrode status display to ensure accurate use.

- Omron long lasting and light touch key can be used more than 100,000 times.

- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.

Features:

- ### pH Mode:

- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.

- ### Conductivity Mode:

- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.

- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.

- ### DO Mode:

- It has functions of ATC, auto salinity compensation and auto pressure compensation.

- Polarographic DO electrode, short polarization time (3-5 mintues).

- ### ISE Mode:

- Can test electric potential, pH, pX, ORP, ion concentration and temperature.

- Can switch 6 kinds of concentration units: µg/L, mg/L, g/L, mol/L, mmol/L, PX.

- Auto recognition of buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3, 4, 5 point calibration.

UVISON
Technologies

Model	Description	Application
P711	pH meter	General laboratory pH meter, which can be used in most of the areas related to water quality analysis.
P712	Conductivity meter	Used to measure the conductivity value of conventional aqueous solutions, especially in education and scientific research.
P713	pH/Conductivity meter	Suitable for high-precision pH/conductivity measurement in scientific research, quality control, biotechnology, fine chemicals, etc.
P714	DO meter	Applicable to aquaculture, water source monitoring, sewage treatment and environmental monitoring, etc., also widely used in education and scientific research.
P715	pH/DO meter	Suitable for biotechnology, aquaculture, power plants and environmental protection industries, especially in education and research.
P716	Conductivity/DO meter	Widely used in biotechnology, aquaculture, power plants and environmental protection industries.
P717	pH/Conductivity/DO meter	Suitable for the fields of petroleum, chemical, pharmacy, power plants and environmental protection, also widely used in education and scientific research.
P718-F	Fluoride ion meter	Test and analysis of the fluoride in drinking water, surface water, sea water, living sewage and industrial wastewater and the fluorine ion in mineral , organic, and biological materials.
P718-Na	Sodium ion meter	Suitable for measurement of sodium ion and pH value in natural water, boiler water and industrial drainage, especially for the quality monitoring of high purity water in power plant.
P718-Cl	Chloride ion meter	Measure chloride ion and pH value in drinking water, food and sewage.
P718-Ca	Calcium ion meter	Test calcium ion and pH value of water solutions. Widely used in the analysis and research of water quality, biochemistry and biomedicine.
P718-Br	Bromide ion meter	Test bromide ion and pH value in drinking water, food and sewage.
P718-NO	Nitrate ion meter	Test nitrate ion and pH value in drinking water, food and sewage.
P718-K	Potassium ion meter	Measure potassium ion and pH value in drinking water, food and sewage.
P718-NH	Ammonia Ion Meter	Test ammonia & nitrogen and pH value in drinking water, food and sewage.
P718-Cu	Copper ion meter	Test copper ion and pH value in food, beverage, electroplating industry and sewage.
P718-I	Iodide ion meter	Test iodide ion and pH value in drinking water, food and sewage.

Model		P711	P712	P713	P714	P715	P716	P717	P718
Standard Accessaries	Electrode holder	✓	✓	✓	✓	✓	✓	✓	✓
	pH composite electrode	✓		✓		✓		✓	
	Cond. electrode (K=10)		✓	✓			✓	✓	
	DO electrode				✓	✓	✓	✓	
	Ion electrode								✓
	Temperature probe	✓	✓	✓	✓	✓	✓	✓	✓
	Reference electrode								✓
	pH buffer solution	✓		✓		✓		✓	
	DO filling solution				✓	✓	✓	✓	
	Membrane cap				✓	✓	✓	✓	
	Cathode polishing paper				✓	✓	✓	✓	
	Power adapter	✓	✓	✓	✓	✓	✓	✓	✓
	manual	✓	✓	✓	✓	✓	✓	✓	✓

UVISON
Technologies

	Model		P711	P712	P713	P714	P715	P716	P717	P718
Parameters		pH/mV	✓		✓		✓		✓	✓
		ISE								✓
		Cond./TDS/Sal./Res.		✓	✓			✓	✓	
		DO				✓	✓	✓	✓	
		Temp.	✓	✓	✓	✓	✓	✓	✓	✓
pH	Measuring range	(-2.00 ~ 18.00)pH	✓		✓		✓		✓	✓
	Resolution	0.01 pH								
	Accuracy	Electrode:±0.01 pH, Meter:±0.02 pH								
	Auto calibration	1, 2, 3 point								
	Buffer	Europe & USA, NIST, China standards								
	Input current	≤2×10-12 A								
	Input impedance	≥1×1012 Ω								
	Stability	±0.02 pH/3h								
	Temp. compensation	(0 ~ 100)℃, auto or manual								
mV ORP	Measuring range	±1999.9mV	✓		✓		✓		✓	✓
	Resolution	0.1 mV								
	Accuracy	±0.03% FS								
pX	Measuring range	(0.000-14.000) pX								✓
	Resolution	0.01 pX								
	Accuracy	±0.02 pX								
	Temp. compensation	(0 ~ 100)℃, auto or manual								
	Auto calibration	1, 2, 3, 4, 5 point								
Ion Conc.	Measuring range	(0-19990)								
	Resolution	4 significant figures (scientific notation)								
	Accuracy	±0.5%								
Cond.	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		✓	✓			✓	✓	
	Resolution	0.01/0.1/1μS/cm; 0.01/0.1mS/cm								
	Accuracy	Electrode: ±0.5% FS, Meter: ±0.8% FS								
	Temp. compensation	(0 ~ 50)℃, auto								
	Electrode constant	0.1 / 1 / 10 cm-1								
	Reference Temp.	25℃、20℃、18℃								
DO	Measuring range	(0-20.00)mg/L(ppm), (0-200.0)%				✓	✓	✓	✓	
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %								
	Accuracy	Electrode: ±0.10 mg/L, Meter: ±0.40 mg/L								
	Response time	≤30s (25℃, 90%response)								
	Residual current	≤0.1 mg/L								
	Temp compensation	(0 ~ 45)℃, auto								
	Salinity compensation	(0 ~ 45) ppt, auto								
	Pressure compensation	(80 ~ 105) kPa, auto								
	Auto calibration	Air saturated by water, water saturated by air								
	Electrode type	Polarographic								
Temp.	Measuring range	(0 ~ 100)℃	✓	✓	✓	✓	✓	✓	✓	✓
	Resolution	0.1℃								
	Accuracy	5 ~ 60℃ :±0.4℃ Others: ±0.8℃								
Other	Display	6.5-inch LED screen	✓	✓	✓	✓	✓	✓	✓	✓
	Data storage	1000 sets								
	Power	12V/1A								
	Output	USB, Bluetooth								
	Ambient Temp.	5 ~ 35 ℃								
	Ambient Humidity	≤85%								
	IP grade	IP54								
	Dimensions/N.W.	215×170×37mm/600g								
	Shipping Size/G.W.	470x430x72mm/3kg								

uvison
Technologies

P6 Series Portable pH/EC/DO/Ion Meter

· pH · mV · ISE · Cond. · Res · TDS · Sal · DO · Temp.

General Features:

- Large LCD screen with controllable white backlight.

- Built-in microprocessor chip has Intelligent functions such as auto calibration, ATC, data storage, function settings, auto diagnosis, auto power off, and undervoltage prompt, etc.

Features:

● pH Mode:

- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3 point calibration.

● Conductivity Mode:

- Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5µS/cm ~ 200mS/cm.

- Can switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.

- Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.

● DO Mode:

- It has functions of ATC, auto salinity compensation and manual pressure compensation.

- Polarographic DO electrode, short polarization time (3-5 mintues).

● ISE Mode:

- Can test electric potential, pH, pX, ORP, ion concentration and temperature.

- Can switch 6 kinds of concentration units: µg/L, mg/L, g/L, mol/L, mmol/L, PX.

- Auto recognition of buffers with three kinds of options: Europe & USA, NIST and China. Support 1, 2, 3, 4, 5 point calibration.

UVISON
Technologies

Model	Description	Application
P611	pH meter	General laboratory pH meter, which can be used in most of the areas related to water quality analysis.
P612	Conductivity meter	Used to measure the conductivity value of conventional aqueous solutions, especially in education and scientific research.
P613	pH/Conductivity meter	Suitable for high-precision pH/conductivity measurement in scientific research, quality control, biotechnology, fine chemicals, etc.
P614	DO meter	Applicable to aquaculture, water source monitoring, sewage treatment and environmental monitoring, etc., also widely used in education and scientific research.
P615	pH/DO meter	Suitable for biotechnology, aquaculture, power plants and environmental protection industries, especially in education and research.
P616	Conductivity/DO meter	Widely used in biotechnology, aquaculture, power plants and environmental protection industries.
P618-F	Fluoride ion meter	Test and analysis of the fluoride in drinking water, surface water, sea water, living sewage and industrial wastewater and the fluorine ion in mineral , organic, and biological materials.
P618-Na	Sodium ion meter	Suitable for measurement of sodium ion and pH value in natural water, boiler water and industrial drainage, especially for the quality monitoring of high purity water in power plant.
P618-Ca	Calcium ion meter	Test calcium ion and pH value of water solutions. Widely used in the analysis and research of water quality, biochemistry and biomedicine.
P818-Cl	Chloride ion meter	Measure chloride ion and pH value in drinking water, food and sewage.
P818-Br	Bromide ion meter	Test bromide ion and pH value in drinking water, food and sewage.
P818-NO	Nitrate ion meter	Test nitrate ion and pH value in drinking water, food and sewage.
P818-K	Potassium ion meter	Measure potassium ion and pH value in drinking water, food and sewage.
P818-NH	Ammonia Ion Meter	Test ammonia & nitrogen and pH value in drinking water, food and sewage.
P818-Cu	Copper ion meter	Test copper ion and pH value in food, beverage, electroplating industry and sewage.
P818-I	Iodide ion meter	Test iodide ion and pH value in drinking water, food and sewage.

Model		P611	P612	P613	P614	P615	P616	P618
Standard Accessaries	Mini magnetic stirrer							✓
	Electrode holder	✓	✓	✓	✓	✓	✓	✓
	pH composite electrode	✓		✓		✓		
	Cond. electrode (K=1)		✓	✓			✓	
	DO electrode				✓	✓	✓	
	Ion electrode							✓
	Temperature probe	✓	✓	✓	✓	✓	✓	✓
	Reference electrode							✓
	pH buffer solution	✓		✓		✓		
	DO filling solution				✓	✓	✓	
	Membrane cap				✓	✓	✓	
	Cathode polishing paper				✓	✓	✓	
	Backup AA battery	✓	✓	✓	✓	✓	✓	✓
	Manual	✓	✓	✓	✓	✓	✓	✓

UViSON
Technologies

Model			P611	P612	P613	P614	P615	P616	P618
Parameters		pH/mV	✓		✓		✓		✓
		ISE							✓
		Cond./TDS/Sal./Res.		✓	✓			✓	
		DO				✓	✓	✓	
		Temp.	✓	✓	✓	✓	✓	✓	✓
pH	Measuring range	(-2.00~19.99)pH	✓		✓		✓		✓
	Resolution	0.1/0.01 pH							
	Accuracy	Meter:±0.01pH; Overall: ±0.02pH							
	Input impendance	≥1×1012 Ω							
	Stability	±0.01 pH/3h							
	Temp. compensation	(0~100)℃ (Auto/manual)							
mV	Measuring range	±1999.9mV	✓		✓		✓		✓
	Resolution	1mV							
	Accuracy	±0.1% FS							
pX	Measuring range	(0.000-14.000) pX							✓
	Resolution	0.01 pX							
	Accuracy	±0.02 pX							
	Temp. compensation	(0 ~ 100)℃, auto or manual							
	Auto calibration	1, 2, 3, 4, 5 point							
Ion Conc.	Measuring range	(0-19990)							
	Resolution	4 significant figures (scientific notation)							
	Accuracy	±0.5%							
Cond.	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	(0~100)℃ (Auto/manual)							
	Electrode constant	0.1 / 1 / 10 cm-1							
DO	Measuring range	(0 ~ 20.00) mg/L(ppm), (0 ~ 200.0)%				✓	✓	✓	
	Resolution	0.1/0.01 mg/L(ppm), 1/0.1 %							
	Accuracy	Electrode: ±0.10 mg/L, Instrument: ±0.40 mg/L							
	Response time	≤30s (25℃, 90%response)							
	Residual current	≤0.1 mg/L							
	Temp. compensation	(0 ~ 45)℃ (auto)							
	Salinity compensation	(0 ~ 45) ppt (auto)							
	Pressure compensation	(66 ~ 200) kPa (manual)							
	Auto calibration	Air saturated by water, water saturated by air							
	Electrode type	Polarographic							
Temp.	Measuring range	(0 ~ 100)℃	✓	✓	✓	✓	✓	✓	✓
	Resolution	0.1℃							
	Accuracy	5 ~ 60℃:±0.4℃ Others: ±0.8℃							
Other	Data storage	200 sets	✓	✓	✓	✓	✓	✓	✓
	Power	Two AA batteries (1.5V x2)							
	Ambient Temp.	5 ~ 35 ℃							
	Ambient humidity	≤85%							
	IP grade	IP57 Dustproof and waterproof							
	Dimensions/N.W.	(65×120×31)mm/180g							
	Shipping size/G.W.	(460×300×55)mm/1Kg							

UVISON Technologies

Pen Type pH/Conductivity Meter

P3 Series

- Mini design with size 148×29×14mm.
- Intelligent Functions: auto calibration, auto power-off, low voltage alarm, etc.
- Reliable structure design: meets IP57, Replaceable electrodes.

Model	P301	P311	P312
Description	pH Meter		Conductivity Meter
Measuring Range	-1.00～15.00pH		Conductivity (0 ~ 10)mS/cm: (0~99.9)μS/cm, (100~999)μS/cm, (1.00~10.00)mS/cm.
Resolution	0.01pH		0.1/1μS/cm; 0.01mS/cm
Accuracy	±0.2pH	±0.05pH	±3%FS
Temp. Compensation	0～60℃		
Calibration	1-3 Point (pH4.00/7.00/9.18)		1 Point (1413μS/cm)
Power	Lithium batteries (CR2032) x 2		
Humidity	85%		
IP grade	IP57		
Shipping size/G.W.	168×96×28mm/180g		
Standard Accessaries	Replaceable batteries		Replaceable batteries
	Manual		Manual
	pH buffer solution		

P5 Series

- Intelligent Functions: auto calibration, ATC, auto power-off, low voltage alarm, etc.
- Rechargable Lithium batteries (3000mA) can last for more than 400 hours with USB charging mode.
- Reliable structure design: meets IP57, Replaceable electrodes.

Model	P501	P511	P512
Description	pH Meter		Conductivity Meter
Measuring Range	-1.00～15.00pH		0～1999mg/L
Resolution	0.1pH; ±0.1℃	0.01pH; ±0.1℃	10mg/L
Accuracy	±0.1pH; ±1.0℃		±2%FS
Temp. Compensation	0～60℃ (Auto)		
Calibration	1-3 Point (pH4.00/7.00/9.18)		1 Point (1413μS/cm)
Power	3000mA Lithium batteries x 2		
Humidity	85%		
IP grade	IP57		
Shipping size/G.W.	168×96×28mm/220g		
Standard Accessaries	Replaceable batteries		Replaceable batteries
	Manual		Manual
	pH buffer solution		

UViSON
Technologies

R100 Mini Magnetic Stirrer

- LED display screen, which displays speed, mode, timing, etc.

- With smart chip, the speed can be set and saved, 2-modes of rotation and timing function available.

- Five different speeds are available.

- Two rotation options of forward/reverse mode and one-way mode.

- ABS plastic outer shell and anti-slip foot pads ensure stirring stability.

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

- Laboratory routine use, can be carried in the field and on the spot, as well as in the incubator.

- Waterproof design.

Speed range	Five-speed
Maximum stirring capacity	1000ml
Working diameter	100mm
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	DC12V
Dimensions/N.W.	160 x 120 x 65mm /600g
Shipping Size/G.W.	220 x 230 x 120mm /1kg
Standard Accessaries	Strut, Electrode clip, Stir bead x 2pcs, Adapter, Manual

Uvison
Technologies

Turbidity Meter

Benchtop

Portable

- 4.3 inch colored TFT screen with friendly UI.
- Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
- ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
- Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
- Cold light source, narrowband interference, with long lifetime up to 100,000 hours.
- Benchtop Type: Data transfer to PC via USB interface and optional bluetooth transmission.
- Portable Type: Advanced power management system can show the battery status in real time and be charged via USB port on PC or vehicle.

Model	BT-2000D	BT-2000S	BT-2000H	PT-2000S	PT-2000H
Type	Benchtop			Portable	
Description	Drinking Water Turbidity	Smart Turbidity	High-precision Turbidity	Smart Turbidity	High-precision Turbidity
Minimum readout (NTU)	0.001	0.01	0.001, 0.01	0.01	0.001
Measuring range (NTU)	0-10	0-10			
	0-100	0-100			
	—	0-1000			
	—	0-4000			
Basic error	±5%FS	±5%FS	±2%FS	±5%FS	±3%FS
Repeatability	≤0.5%				
Zero Drift	±0.5%F.S	—	—	±0.5%FS	±0.5%FS
Applications	Drinking water and lowturbidity solutions, with wider cuvette	Industrial waste water and river water	Industrial waste water and river water	Drinking water, surface water and circulating water	Factory condensate water, Domestic sewage
Power	220V/110V			Lithium battery 3.7V/5200mA	
Output	USB, RS232			Micro USB	
Dimensions/N.W.	290×365×120 mm / 3.7kg			210×105×65mm/500g	
Shipping size/G.W.	485x383x250mm / 5kg			300x240x90mm/1kg	
Standard Accessaries	1cm glass cuvette- A set of 4 pcs			Cuvette cup x 2 pcs	
	5cm glass cuvette- A set of 2 pcs			Charger	
	Power cord			Suitcase	
	Manual			Manual	

Uvison
Technologies

Colorimeter

Benchtop

Portable

- 4.3 inch colored TFT screen with friendly UI.
- Contain 200 curves and customize high precision test curve according to measurement ranges. Users can set up different piecewise curve and coefficient subject to different concentrations which will literally improve measurement precision.
- ARM9 main control chip makes operations easy, response quick and big storage up to 500M.
- Adopt special and high precision light filter system to ensure the instruments' stability and accuracy.
- Cold light source, narrowband interference, with long lifetime up to 100,000 hours.
- Benchtop Type: Data transfer to PC via USB interface and optional bluetooth transmission.
- Portable Type: Advanced power management system can show the battery status in real time and be charged via USB port on PC or vehicle.

Model	BC-2000D	BC-2000S	BC-2000H	BC-2000B	PC-2000H
Type	Benchtop				Portable
Description	Drinking Water Colorimeter	Smart Colorimeter	High-precision Colorimeter	Beer Colorimeter	High-precision Colorimeter
Minimum readout (PCU)	0.001	0.1	0.001, 0.01	0.001EBC	0.001
Measuring range (PCU)	0～50	0-500	0-500	0-30EBC	0-500, 0-100
Basic error	±5%FS	±5%FS	±5%FS	2-5 EBC, ≤±0.1 EBC 5-10 EBC, ≤±0.2 EBC 10-30 EBC, ≤±0.5 EBC	±3%FS
Repeatability	≤0.5%				
Zero Drift	±0.5%FS				
Applications	Drinking water and low chroma solutions, with wider cuvette	Industrial waste water and river water	Industrial waste water and river water	Beer chroma measurements	Industrial waste water, river water, drinking water, domestic sewage
Power	220V/110V				Lithium battery3.7V
Output	USB, RS232				Micro USB
Dimensions/N.W.	290×365×120 mm / 3.7kg				210×105×65mm/500g
Shipping size/G.W.	485x383x250mm / 5kg				300x240x90mm/1kg
Standard Accessaries	1cm quatz cuvette- A set of 2 pcs				Cuvette cup x2 pcs
	3cm quatz cuvette- A set of 2 pcs				Charger
	Power cord				Suitcase
	Manual				Manual

UVISON
Technologies

Moisture Analyzer

- The Large, high-resolution, bright dot matrix LCD display make operation easy and comfortable in the dark place.
- One-button operation makes testing easier.
- The high precision heat insulation type sensor makes the temperature for data acquisition reliable.
- The use of halogen lamp for heating and drying makes heating rapidly and test time shorter.
- In the process of test, the dry state can be directly confirmed to speculate the finish time.
- With automatic peeling function, it can measure immediately and continuously, and also measure accurately through the zero drift correction.
- Installed with RS232C interface inside, the products can be directly connected to computer or printer.
- 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.

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
Repeatability (3g samples)	0.005	0.002	0.003	0.005	0.002	0.003	0.005
Minimum Sample Amount	0.5g						
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						
Display Content	Moisture%, Solid%, Weight, Time, Data etc						
Heating Source	Halogen Lamp						
Pan Size	100mm						
Dimension	265x160x150mm						
Net Weight	5kg						
Shipping Size	530x380x340mm						
Gross Weight	6kg						
Standard Accessaries	Calibration Weight, Power Cable, Manual						

UVISON
Technologies

SY Series 0.1/1mg Touch Screen Balance

- 5.7 inch color touch screen and convenient graphic menu.
- With powerful software SUPERTEX1.0, SY balance have functions, such as weighing, parts counting, percent weighing, check weighing, animal weighing, totalization, density weighing, formula weighing, target weighing, etc.
- Multi-users management, can store 5000 sets of test data, can display the sensor temperature and automatic temperature compensation in real time to ensure the accuracy of the instrument.
- Excellent wireless sensing operation function, can set the operation of automatic correction and peeling function, to avoid contamination of the instrument by chemical reagent operation.
- Electromagnetic balance sensor
- External/ Internal calibration
- RS232C and USB output interface.

Model	Maximum Capacity	Readability	Pan Size	Dimension/N.W.	Shipping Size/G.W.	Calibration
SY104	100g	0.1mg				External
SY204	200g	0.1mg				External
SY304	300g	0.1mg				External
SY103	100g	1mg				External
SY203	200g	1mg				External
SY303	300g	1mg				External
SY503	500g	1mg	Φ90mm	230*393*350mm/8kg	520*380*500mm/10kg	External
SY104C	100g	0.1mg				Internal
SY204C	200g	0.1mg				Internal
SY304C	300g	0.1mg				Internal
SY103C	100g	1mg				Internal
SY203C	200g	1mg				Internal
SY303C	300g	1mg				Internal
SY503C	500g	1mg				Internal
Standard Accessaries	Calibration Weight (for external calibration balance), Adapter, Manual, Dust cover					

YK Series 0.1/1mg Balance

- Large blue backlighting 120*55 mm LCD screen.
- Powerful functions like basic weighing, counting, density weighing, checkweighing, percentage and animal weighing, etc.
- With the sensor technology of German STL software, it supports muti-point calibration and has more stable performance.
- The windshield of all around antistatic coating can effectively shield the electrostatic interference.
- Electromagnetic balance sensor
- External/ Internal calibration
- The built-in RS232 standard interface can connect to printer or computer.
- Units: g, mg, ct, oz, ozt.

Model	Weighing Range	Readability	Pan Size	Dimension/N.W.	Shipping Size/G.W.	Calibration
YK1004B	0-100g					
YK1104B	0-110g					
YK1204B	0-120g					External
YK2004B	0-200g					
YK2104B	0-210g					
YK2204B	0-220g	0.1mg	Φ80mm	360*220*350mm/8kg	520*380*500mm/10kg	
YK1004C	0-100g					
YK1104C	0-110g					
YK1204C	0-120g					Internal
YK2004C	0-200g					
YK2104C	0-210g					
YK2204C	0-220g					
YK1003N	0-100g					
YK1203N	0-120g					
YK2003N	0-200g					External
YK2603N	0-260g					
YK3003N	0-300g					
YK5003N	0-500g	1mg	Φ80mm	360*220*350mm/8kg	520*380*500mm/10kg	
YK1003C	0-100g					
YK1203C	0-120g					
YK2003C	0-200g					Internal
YK2603C	0-260g					
YK3003C	0-300g					
YK5003C	0-500g					
Standard Accessaries	Calibration Weight (for external calibration balance), Adapter, Manual, Dust cover					

uvison
Technologies

FA/JA Series 0.1/1mg Balance

- Large blue backlighting 120*55 mm LCD screen.
- With the sensor technology of German STL software, it supports muti-point calibration and has more stable performance.
- The windshield of all around antistatic coating can effectively shield the electrostatic interference.
- Electromagnetic balance sensor
- External/ Internal calibration
- 4-level shockproof
- Counting function
- The built-in RS232 standard interface can connect to printer or computer.
- Units: Carat, ounce and gram

Model	Maximum Capacity	Readability	Pan Size	Dimension/N.W.	Shipping Size/G.W.	Calibration
FA1004B	0-100g	0.1mg	Φ80mm	350*215*340mm/8KG	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					
JA1003N	0-100g	1mg	Φ80mm	350*215*340mm/8KG	520*380*500mm/10kg	External
JA1203N	0-120g					
JA2003N	0-200g					
JA2603N	0-260g					
JA3003N	0-300g					Internal
JA5003N	0-500g					
JA1003C	0-100g					
JA2003C	0-200g					
Standard Accessaries	Calibration Weight (for external calibration balance), Adapter, Manual, Dust cover					

Uvison Technologies

YP Series Electronic Balance

Round Pan

Rectangular Pan

- The new design promotes the reaction speed and fixed-point speed.
- The unique metal base and mechanical construction ensure a high stability and increase the anti-interference performance.
- It has various functions such as: multi-units conversion, parts counting, animal weighing, etc.
- RS232C output interface.

Model	Weighing Range	Readability	Pan Size	Dimension/N.W.	Shipping Size/G.W.	Power
YP1002	0~100g	10mg	Φ130mm	280*200*60mm/ 1.8kg	320*280*150mm/ 2.5kg	communication & direct current
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				
YP30002	0~3000g	10mg				
YP2001	0~200g	100mg				
YP3001	0~300g	100mg				
YP4001	0~400g	100mg				
YP5001	0~500g	100mg				
YP6001	0~600g	100mg				
YP8001	0~800g	100mg				
YP10001	0~1000g	100mg				
YP20001	0~2000g	100mg				
YP30001	0~3000g	100mg	Φ165mm			
YP40001	0~4000g	100mg				
YP50001	0~5000g	100mg				
YP60001	0~6000g	100mg				
YP80001	0~8000g	100mg				
YP100001	0-10000g	0.1g	255*190mm	320*220*100mm/ 2.5kg	360*300*185mm/ 3.3kg	
YP200001	0-20000g	0.1g				
YP1000	0~1000g	1g	Φ130mm	280*200*60mm/ 1.8kg	320*280*150mm/ 2.5kg	
YP2000	0~2000g	1g				
YP3000	0~3000g	1g	Φ165mm			
YP5000	0-5000g	1g				
YP6000	0-6000g	1g				
YP8000	0-8000g	1g				
YP10000	0-10000g	1g	255*190mm	320*220*100mm/ 2.5kg	360*300*185mm/ 3.3kg	
YP15000	0-15000g	1g				
YP20000	0-20000g	1g				
YP30000	0-30000g	1g				
Standard Accessaries	Calibration Weight (optional), Adapter, Manual, Dust cover					

Uvison
Technologies

Biological Microscope

Natural light source biological microscope XSP-1CA

Traditional models, stable quality and high cost performance. the light bar turntable.

Monocular tube: monocular 45° tilt, 360° rotatable

Magnification: 40 times- 640 times

Objective Mirror Converter: Three-Pole Converter

Eyepiece: 16X

Achromatic objective lens: 4X, 10X, 40X

Observation head: monocular observation head

Stage: tablet square platform

Focusing: coarse focus adjustment

Condenser: turntable

Light source: natural light source

Mirrors: flat and concave mirrors

Binocular biological microscope XSP-2CA

Used to observe and study biological sections, biological cells, bacteria, and living tissue culture, fluid precipitation, etc., while observing other transparent or translucent objects as well as objects such as powders and fine particles. Suitable for research experiments in biology, bacteriology, medicinal chemistry, etc.

Achromatic objectives: 10X, 40X (spring), 100X (spring, oil)

Flat field eyepiece: large field of view eyepiece WF10X, (WF16X optional)

Flat field eyepiece: large field of view eyepiece WF10X, (WF16X optional)

Total magnification: 40X-1600X

Observation head: hinged binocular head

Objective Mirror Converter: Four-Pole Converter

Stage: Double-layer movable platform: 115x125mm Actual range 15*75mm

Condenser: Condenser NA=1.25 with variable diaphragm

Light source: electric light source (LED or halogen)

Focusing: Coaxial coarse and fine adjustment, focusing range 20mm

Power supply: 220V or 110V AC input, 6V DC regulated output

Monocular biological microscope XSP-3CA

Widely recognized at all levels in various application fields for its reliable stability and superior cost performance. Can be used in biological, medical, agricultural and animal husbandry, textile fiber, medicinal chemical microparticles and other observational research.

Flat field eyepiece: large field of view eyepiece WF10X, (WF16X optional)

Achromatic objectives: 4X, 10X, 40X (spring), 100X (spring, oil)

Total magnification: 40X-1600X

Monocular viewing head: 45° tilt 360° rotation

Converter: Four-hole converter

Coarse and fine adjustment focus range: Coaxial coarse and fine adjustment, focusing range 20mm

Stage: Double mechanical movable platform: 115x125mm Actual range 15*75mm

Mechanical barrel length: 160mm

Condenser: Condenser NA=1.25 with variable diaphragm

Lighting: Electric light source (LED or halogen)

Power supply: 220V or 110V AC input, 6V DC regulated output

UVISON
Technologies

Biological Microscope

Binocular biological microscope XSP-8CA

Used to observe and study biological sections, biological cells, bacteria, and living tissue culture, fluid precipitation, etc., while observing other transparent or translucent objects as well as objects such as powders and fine particles. Suitable for research experiments in biology, bacteriology, medicinal chemistry, etc.

Achromatic objectives: 4X, 10X, 40X (spring), 100X (spring, oil)

Flat field eyepiece: large field of view eyepiece WF10X, (WF16X optional)

Total magnification: 40X-1600X

Observation head: hinged binocular head

Objective Mirror Converter: Four-Pole Converter

Stage: Double-layer movable platform: 115x125mm Actual range 15*75mm

Condenser: Condenser NA=1.25 with variable diaphragm

Light source: electric light source (LED or halogen)

Focusing: Coaxial coarse and fine adjustment, focusing range 20mm

Power supply: 220V or 110V AC input, 6V DC regulated output

Trinocular Biological Microscope XSP-10CA

Used to observe and study biological sections, biological cells, bacteria, and living tissue culture, fluid precipitation, etc., while observing other transparent or translucent objects as well as objects such as powders and fine particles. Suitable for industries or individuals who require microscopic observation experiments such as laboratory/school/aquaculture/medical institutions/clinical research.

Achromatic objectives: 4X, 10X, 40X (spring), 100X (spring, oil)

Flat field eyepiece: large field of view eyepiece WF10X, (WF16X optional)

Total magnification: 40X-1600X

Observation head: hinged trinocular head

Objective Mirror Converter: Four-Pole Converter

Stage: Double-layer movable platform: 115x125mm Actual range 15*75mm

Condenser: Condenser NA=1.25 with variable diaphragm

Light source: electric light source (LED or halogen)

Focusing: Coaxial coarse and fine adjustment, focusing range 20mm

Power supply: 220V or 110V AC input, 6V DC regulated output

Electronic eyepiece: 200W/500W pixels

MODEL	XSP-1CA	XSP-2CA	XSP-3CA	XSP-8CA	XSP-10CA
Tube	Monocular	Binocular	Monocular	Binocular	Trinocular
Condensor/Light Bar	Abbe condenser variable iris diaphragm and filter				
Eyepiece	Huygens eyepiece H5X,H10X,H6X	Wide-angle eyepiece WF10X,Huygens eyepiece H16X			
Achromatic Objective	10X,40X(S),100X(S)		4X,10X,40X(S),100X(S)		
Lighting	Halogen lamp 6V/20W				
Power Source	Nature light	Electric light	Electric light	Electric light	Electric light
Shipping size	370x240x210mm	425x300x250mm	400x280x210mm	425x300x250mm	
G.W.	1.6kg	4kg	2.7kg	4kg	

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