

## Viscometer

### Digital Viscometer BDV-S and BDV-N Series



BDV-1S



BDV-9S



BDV-5S/8S



BDV-N Series

#### Features:

##### BDV-S series digital viscometer:

- \* Central control circuit: 16 bit MCU.
- \* Gearless driving, LCD display.
- \* Optional accessories: Printer(BDV-5S and BDV-8S) and RTD temperature probe(not including BDV-1S).

##### BDV-N series digital viscometer:

- \* Measurement is more larger than BDV-S series.
- \* Rotating speed is improved to non-polar shift.
- \* RTD temperature probe can timely monitor the temperature of the sample.
- \* Optional software: Data Collecting,Analysis and Plot Software.

#### Technical Parameters:

Model	BDV-1S	BDV-9S	BDV-5S	BDV-8S	BDV-1N	BDV-2N	BDV-3N	BDV-4N
Measured Range (mPa·s)	100~ 100,000	100~ 6,000,000	20~ 100,000	20~ 2,000,000	20~ 600,000	12~ 6,000,000	160~ 80,000,000	50~ 10,000,000
Rotation Speed(rpm)	6, 12, 30, 60	0.1, 0.3, 0.6, 1.5, 3, 6, 12, 30, 60	6, 12, 30, 60	0.3, 0.6, 1.5, 3, 6, 12, 30, 60	1~60	0.1~99.9	0.1~99.9	0.1~200
Number of Spindle	4 types(L1~L4)				4 types(L1~L4)			4 types (21.27.28.29)
Measurement Accuracy	±5%(FS) (Newtonian Fluid)	±3%(FS) (Newtonian Fluid)	±1%(FS)(Newtonian Fluid)					
Repeatability	±0.5% (FS)(Newtonian Fluid)							
Power Supply	AC110/220V±10%, 50/60Hz							
Standard accessory	/	/	RS232 standard output interface		RTD temperature probe			
Optional accessory	/	RTD temperature probe	RTD temperature probe, Specially used printer		RS232 standard output interface,Specially used printer			
L0 Spindle is for Option Measured Range(mPa.s)	10~100	10~6000	1~100	1~2000	1~600	0.6~6000	6~6000	3~6000
Package Size (W*D*H)	470*400 *230mm	470*395 *245mm	400*350 *360mm	400*350 *360mm	400*350 *360mm	400*350 *360mm	400*350 *360mm	400*350 *550mm
Gross Weight	8.5kg	8.5kg	9kg	9kg	9kg	9kg	9kg	10.5kg

## Digital Viscometer BDV Series

### Features:

- \* Central control circuit: 16 bit MCU.
- \* RTD temperature probe can timely monitor the temperature of the sample.
- \* LCD can display all information.
- \* Optional software: DV Program Control Download Software & Data Collecting, Analysis and Plot Software.



### Technical Parameters:

Series	BDV-1			BDV-2		
Model	BDV-1A	BDV-1B	BDV-1C	BDV-2A	BDV-2B	BDV-2C
Measured Range (mPa·s)	12~6M	80~40M	640~320M	6~6M	40~40M	320~320M
Rotation Speed(rpm)	0.1~99.9 non-polar shift			0.1~200 non-polar shift		
Number of Spindle	4 (L1~L4)	6 (R2~R7)	6 (R2~R7)	4 (L1~L4)	6 (R2~R7)	6 (R2~R7)
Measurement Accuracy	±1%(FS) (Newtonian Fluid)					
Repeatability	±0.5%(FS) (Newtonian Fluid)					
Power Supply	AC110/220V±10%, 50/60Hz					
Standard accessory	RS232 standard output interface,RTD temperature probe					
Optional accessory	Specially used printer					
L0 Spindle is for Option						
Measured Range (mPa·s)	0.6~6000	6~60000	50~500000	0.3~6000	3~60000	25~500000
R1 Spindle is for Option						
Measured Range (mPa·s)	/	20~100000	160~800000	/	10~100000	80~800000
Package Size(mm)	400*350*360	400*350*550	400*350*550	400*350*360	400*350*550	400*350*550
Gross Weight(kg)	9	10.5	10.5	9	10.5	10.5

## Digital Viscometer BKU-1

### Features:

- \* LCD display
- \* BKU-1 viscometer is specially applied to sample like paint, coating, etc.
- \* Central control circuit: 16 bit MCU.
- \* It can recyclingly show the units of KU, gm, and cP.



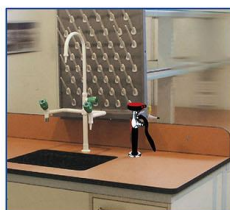
### Technical Parameters:

Model	BKU-1
Measure Range	40~141KU
	32~1099gm
	27~5274cP
Measurement Accuracy	±1% (FS)(Newtonian Fluid)
Repeatability	±0.5%(FS)(Newtonian Fluid)
Rotation Speed	200rpm
Power Supply	AC110/220V±10%, 50/60Hz
Package Size(mm)	400*350*360
Gross Weight(kg)	10

Note: cP is for reference, not for calibration.

## Eye Washer

### Deck Mounted Eye Washer



Max. working pressure: 7Bar

Valve: None-return valve, shut off automatically

Hose: Length 1.4m, PVC with stainless steel net

Sprayer head: Soft rubber, softened water spray for eye protection

Dust shield cap: PP, removed automatically when eye washer is operated

Switch: Automatic trigger locking for easy hand-free use

Material: Solid thick brass with high gloss epoxy powder, resistant to chemicals, UV and heat.

#### Technical Parameters:

Model	EW-DM1	EW-DM2	EW-DM3
Package Size(W*D*H)mm	270*170*80	440*240*120	270*170*80
Gross Weight(Kg)	1	2	1

### Removable Eye Washer



Max. working pressure: Max. 7Bar

Soft Pipe: length 1.5m, pp material

Installing: Desk & wall mounted, can be also drew out

Sprayer head: Softened water spray for eye protection

Dust shield cap: Removed when eye washer is operated

Package Size(W\*D\*H)mm: 270\*170\*80

Gross Weight(Kg): 1

Switch: Automatic trigger locking for hand-free use

Body: Densely PP material. The valve can close

Flow control valve: Adjustable based on water pressure

to adapt for the eyes.

Package Size(W\*D\*H)mm: 270\*170\*80

Gross Weight(Kg): 1

### Wall Mounted Eye Washer

Material: 304 stainless steel with Exquisite polished / Epoxy coating stainless steel with high gloss epoxy powder, resistant to chemicals, UV.

Eye washer bowl: stainless steel / PP bowl, water bore is made of PP(ABS shield cap), safe green, installing conveniently.

Sprayer head : water bore has been treated with; make the water more mild and abundant.

Switch: the sign of operation is near by the knob, operate simply.

Package Size(W\*D\*H)mm: 470\*420\*350

Gross Weight(Kg): 8.5



### Wall Mounted Shower Eye Washer



S-WM2



S-CM3



SEW-WM1

Sprayer head: The flux of spray head shower&washer is ample, installing conveniently, saving space.

Tube: Stainless steel material, making the products firm and high quality, resistant to the chemicals.

Switch: The sign of operation is near by the knob, operate simply.

#### Technical Parameters:

Model	S-WM2	S-CM3	SEW-WM1
Package Size(W*D*H)mm	815*270*160	815*270*160	1320*440*320
Gross Weight(Kg)	5.5	5	18

Combination Emergency Shower Eye Washer



Material: Stainless steel, firm and chemical resistant.

Eye washer is suitable for cleaning eyes, face and hands; the spray head can be use of washing the whole body.

Switch of the spray shower is controlled by the top of the handle, the flow is steady and ample.

Height of the bowl is condign, couple water bores humanistic design, the heigh and angle design is according to the proportion of the face.

Outlet water bore has been handled, making the water more mild, in order to protect the eyes from being harmed.

Valve-switch make the operation simple, when using only to touch the knob.

Drain directly, the used water flow directly through the tube which is in the bowl, no pollution.

Technical Parameters:

Model	SEW-C1	SEW-C2
Package Size(W*D*H)mm	1310*380*250	1310*350*440
Gross Weight(Kg)	17	20

Fiber Analyzer

Application:

BK-F800 Fiber Analyzer is with advanced design, easy operation and flexible application. It can be used in conventional Weende method to analyze crude fiber and Van Soest analysis to wash the fiber. Applies to plant, feed, food and other agricultural products as well as the determination crude fiber, neutral detergent fiber (NDF), acid detergent fiber (ADF), hemicellulose and acid detergent lignin (ADL)

Features:

- \* Hidden solution barrel pull structure designed to facilitate dosing operation, provide the safest fiber analysis.
- \* Corrosive liquid is not in contact with any pump body, to avoid waste discharge pump susceptible to corrosion phenomena.
- \* The crucible recoil function designed to prevent sample in the crucible can not caking filtration.
- \* With dosing overflow protection function to prevent dosing corrosive liquid overflow due to operator error, protect the safety of the operator.
- \* Adjust the crucible heating power in time, enabling operator to control the heating rate easily and low down the energy consumption, ECO-friendly.
- \* Having a built-in pre-heating function, greatly reducing the whole experiment time.
- \* Provide five various specifications crucible specifications to meet the needs of different samples for standard configuration.



Technical Parameters:

Model	BK-F800
Measurement Range	0.1%~100%
Sample Weight	0.5~3g per piece
Repeatability	≤0.4% (Craw Fiber Content below 10%) ≤1% (Craw Fiber Content above 10%)
Max. Capacity	6 pcs/batch
Pre-heating Time	10~12min
Heating to Boiling	13~15min
Consumption	2.2KW
Power Supply	AC220V±10%, 50Hz
External Size(W*D*H)	776*476*644mm
Package Size(W*D*H)	890*610*770mm
Gross Weight	106kg

## Vein Finder

### Portable Vein Finder

#### Application:

It can assist the medical staff to find and locate veins quickly and accurately during venous transfusion. It has a significant help in patients with vascular positioning difficulties, such as young children, obesity, swollen tissue, hairy skin, dark skin, hypovolemia, etc.



#### Features:

- \* Compact and lightweight, can grasp a hand;
- \* Two kinds of imaging modes: blue & white, red & green, one-click switching freely;
- \* Without support, without environmental restrictions on use;
- \* Image performance optimization, adjustable brightness, high accurate;
- \* Medical cold light, safe for your eyes.

#### Technical Parameters:

Model	BKVD-260
Suggested Projection Distance	290~310mm
Light Projection	300~1000lux
Light Wavelength	750~980nm
Battery	Rechargeable lithium battery
Power Supply	D.C. 3.0~4.2V
Battery Working Time	≥ 1hour
Package Size(W*D*H)	220*180*140mm
Gross Weight	2kg

### Portable Vein Finder



#### Features:

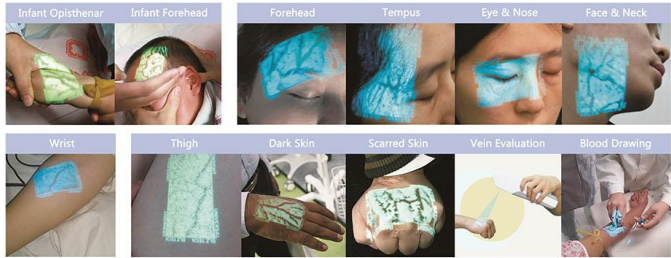
- \* Color: 2 colors adjustable.
- \* Brightness: 3 degree brightness adjustable.
- \* Inverse: Allows clinicians to highlight the veins or the surrounding tissue.

#### Technical Parameters:

Model	BKVD-300	
Light Type	Near-infrared light	
Infrared Wavelength	850 nm	
Image Resolution	720*480	
Visible Vein Size	≥ 1 mm	
Accuracy	0.25 mm	
Depth of Visible Vein	≤ 12 mm	
Best Projection Distance	200 ± 20 mm	
Image Frame Rate	20 FPS	
LED Lifetime	20000 hours	
Battery	Lithium-ion Battery, 3.6V, 4300mAh	
Battery Working Time	4 hours	
Operating Mode	Handheld or Suspension	
Optional Accessory	Fixed support, Mobile support	
External Size(W*D*H)mm	240*60*60	
Package Size (W*D*H)mm	Main Unit	300*210*120
	Fixed Support	720*180*130
	Mobile Support	600*600*150
Gross Weight(kg)	Main Unit	1.5
	Fixed Support	1.5
	Mobile Support	6.5



Portable Vein Finder



Application:

Vein Finder projects near-infrared(no radiation) light which is absorbed by blood and reflected by surrounding tissue, and this information is captured and processed, finally projected in real time directly on the surface of the skin. It provides a real time accurate image of the patient's superficial pattern on the skin of patient.

Features:

Color



Color: 5 colors adjustable.

Brightness



Brightness: 3 degree brightness adjustable.

Size



Size: 3 kinds of image sizes.

Mode



Mode: Normal model and Enhanced mode.

Inverse



Inverse: Allows clinicians to highlight the veins or the surrounding tissue.



BKVD-400 main unit

Fixed support

Mobile support

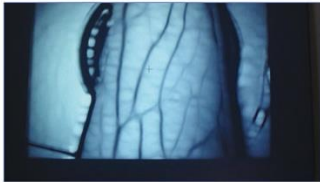
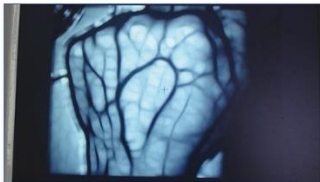
Technical Parameters:

Model		BKVD-400
Light Type		Near-infrared light
Infrared Wavelength		850nm
Image Resolution		720*480
Visible Vein Size		≥ 1mm
Accuracy		0.25mm
Depth of Visible Vein		≤ 12mm
Best Projection Distance		200 ± 20mm
Image Frame Rate		20 FPS
LED Lifetime		20000 hours
Battery		Lithium-ion Battery, 3.6V, 4300mAh
Battery Working Time		5 hours
Battery Charging Time		3 hours
Operating Mode		Handheld or Suspension
Standard Accessory		battery (1pc), charging base
Optional Accessory		Fixed support, Mobile support
External Size(W*D*H)		240*60*60mm
Package Size (W*D*H)	Main Unit	290*270*160mm
	Fixed Support	720*180*130mm
	Mobile Support	600*600*150mm
Gross Weight	Main Unit	1.5kg
	Fixed Support	1.5kg
	Mobile Support	6.5kg

**Vein Finder**

**Application:**

It is suitable for neonatology department, pediatrics department, internal medicine, obstetrics, gynecology, rehabilitation, acupuncture, emergency room, operating room, oncology, laboratory, injection department, ICU, PICU/NICU etc. Any department which needs venipuncture can use vein imaging device.



**Features:**

- \* With narrow band infrared light source, no damage to human body, no radiation, no heat, no harm to eyes;
- \* The 3 million pixels camera, can display the magnified image clearly and provide reference for the accurate puncture;
- \* With two road top and bottom light source: bottom light source adopts the German original high-power LED solid-state light source, strong penetrability; top light source is multipoint LED, no shadow, no reflected light interference, suitable for observing the superficial blood vessels;
- \* Both of the light sources are stepless adjustable;
- \* The industrial grade camera and display provide best imaging.



**Technical Parameters:**

Model	BKVD-1201M	BKVD-1202E	BKVD-1202L		
Wavelength Range	760~940nm				
Light Source Intensity	Stepless adjustable				
Camera Resolution	> 420 TVL	5 mega-pixel	8 mega-pixel		
Camera Illuminance	0.01 Lux				
Camera Arm	Fixed	Scalable and collapsible			
Lens	High sensitivity infrared lens, 7-22 zoom				
Display	5.5" LCD	6.5" LCD	8.4" LCD		
Display Resolution	800x600				
LCD Contrast	600:1	700:1			
Screen	Fixed Slope	180 ° folding, 360° Rotory			
Venous depth	\	Venous depth Remind			
Power Supply	AC110/220V±10%, 50/60 Hz				
Package Size(L*W*H)	600*450*450mm				
Gross Weight	10kg	13kg	14kg		

## Bacterial Colony Counter

### Application:

Widely used for bacilli inspection of food, drink, medicine, biological, make-up, health products, water for drink, domestic sewage, and industrial water.

### Features:

- \* CMOS integrated circuit and LED digital display.
- \* The special probe counts sensitively and accurately.
- \* It is composed by counter, probe and count pond, etc.
- \* The magnification is variable by adjusting the flectional arm.



### Technical Parameters:

Model	BC-50
Phonetic Counting	No
Amplification	5X, 10X
Counter Range	Standard: 0 ~ 999; Optional: 0~9999
Suitable Petri Dishes	< Φ110mm
Character Height	13mm
Lamp Power	16W
Power Supply	AC220V, 50/60Hz
External Size(W*D*H)	255*180*110mm
Package Size(W*D*H)	380*290*360mm
Net Weight	1.7kg
Gross Weight	3kg

## Biological Air Sampler

### Application:

It is designed according to the principle of multi jet holes particle impact and isokinetic sampling. And it gets the consistence of animalcule more accurately. It is an ideal air biological sampler for medicine plant, hospital, biological products, food machining, public place, etc.



BK-BAS-IV



BK-BAS-V

### Features:

- \* Sampling hole has many small holes to reduce particles superposition and reduce error of animalcule count.
- \* Programmable, sampling quantity can be set from 0.01 to 6.0m³ (BK-BAS-IV), 0.01 to 9.0m³ (BK-BAS-V).
- \* LCD screen displays sampling quantity, sampling time, etc.
- \* Sampling time can be set automatically.
- \* Up to 256 samples data storage of sampling time, sampling volume and other parameters.
- \* Easy to change petri dish, just only take down sampling hole to change petri dish. (Diameter: Φ90\*15mm)

### Technical Parameters:

Model	BK-BAS-IV	BK-BAS-V
Sampling Volume	100L/min	
Flow Velocity of	0.4m/s	0.38m/s
Sampling Holes	Basically the same as the clean room(isokinetic sampling)	
Material	Aviation aluminum	SUS304 stainless steel
Structure	Microprocessor control, low noise pump sampling	
Rechargeable Battery	DC7.4V/6800mAh	DC14.8V/5000mAh
Operating Time on Battery	6~8h	
Power Supply	AC110/220V±10%, 50/60Hz	
External Size(W*D*H)	120*195*300mm	235*220*180mm
Package Size(W*D*H)	190*380*420mm	400*380*220mm
Net Weight	2.5kg	4.8kg
Gross Weight	6kg	8.5kg



## Safety Storage Cabinet

### Features:

- \* Two-layer anti-fire steel plate with 38mm between two steel plates for insulation.
- \* Main body material: 1.0mm steel plate painted with epoxy resin.
- \* Safety: Three-linkage lock. The door has two keys and is available to use padlock which realize safe management of double-locked with two key holders.
- \* 50mm height anti-leakage liquid tank ensures no liquid overflow.
- \* Specific warning labels for different kinds of safety storage cabinet.
- \* Installed with double air vents which are set with anti-fire devices.
- \* Adjustable anti-leakage shelves.
- \* An electrostatic grounded conductive port for easy connection to an electrostatic ground wire.

## Flammable Chemicals Storage Cabinet



### Technical Parameters:

Model	BKSC-4Y	BKSC-12Y	BKSC-22Y	BKSC-30Y	BKSC-45Y	BKSC-60Y	BKSC-90Y
Capacity	4 gallon(15L)	12 gallon(45L)	22 gallon(83L)	30 gallon(114L)	45 gallon(170L)	60 gallon(227L)	90 gallon(340L)
Material	Double-layer anti-fire cold-rolled steel						
Adjustable Shelf	1 pc		3 pcs	1 pc	2 pcs		
Door	Single/Manual			Double/Manual			
External Size (W*D*H) mm	430*430*560	590*460*890	600*460*1650	1090*460*1120	1090*460*1650	860*860*1650	1090*860*1650
Package Size (W*D*H) mm	505*505*585	665*535*915	680*540*1975	1170*540*1260	1170*540*1790	940*940*1790	1170*940*1790
Gross Weight	28kg	50kg	93kg	101kg	138kg	170kg	200kg

BIOBASE series yellow safety cabinet for storing all kinds of flammable materials, with flashing point below 45°C.

## Combustible Chemicals Storage Cabinet



### Technical Parameters:

Model	BKSC-4R	BKSC-12R	BKSC-22R	BKSC-30R	BKSC-45R	BKSC-60R	BKSC-90R
Capacity	4 gallon(15L)	12 gallon(45L)	22 gallon(83L)	30 gallon(114L)	45 gallon(170L)	60 gallon(227L)	90 gallon(340L)
Material	Double-layer anti-fire cold-rolled steel						
Adjustable Shelf	1 pc		3 pcs	1 pc	2 pcs		
Door	Single/Manual			Double/Manual			
External Size (W*D*H) mm	430*430*560	590*460*890	600*460*1650	1090*460*1120	1090*460*1650	860*860*1650	1090*860*1650
Package Size (W*D*H) mm	505*505*585	665*535*915	680*540*1975	1170*540*1260	1170*540*1790	940*940*1790	1170*940*1790
Gross Weight	28kg	50kg	93kg	101kg	138kg	170kg	200kg

BIOBASE series red safety cabinet for storing various kinds of flammable materials with flashing points above 45°C.

## Weak Acid and Alkali Chemicals Storage Cabinet



### Technical Parameters:

Model	BKSC-4B	BKSC-12B	BKSC-22B	BKSC-30B	BKSC-45B	BKSC-60B	BKSC-90B
Capacity	4 gallon(15L)	12 gallon(45L)	22 gallon(83L)	30 gallon(114L)	45 gallon(170L)	60 gallon(227L)	90 gallon(340L)
Material	Double-layer anti-fire cold-rolled steel,PP tray						
Adjustable Shelf	1 pc		3 pcs	1 pc	2 pcs		
Door	Single/Manual			Double/Manual			
External Size (W*D*H) mm	430*430*560	590*460*890	600*460*1650	1090*460*1120	1090*460*1650	860*860*1650	1090*860*1650
Package Size (W*D*H) mm	505*505*585	665*535*915	680*540*1975	1170*540*1260	1170*540*1790	940*940*1790	1170*940*1790
Gross Weight	28kg	50kg	93kg	101kg	138kg	170kg	200kg

BIOBASE series blue safety cabinet for storing various kinds of flammable materials with flashing points above 45°C.

## Strong Acid & Alkali Storage Cabinet



### Features:

- \* Padlock design.
- \* Adjustable shelves.
- \* Anti-corrosive materials for strong acid and alkali.

### Technical Parameters:

Model	BABC-4P	BABC-12P	BABC-20P	BABC-28P	BABC-30P	BABC-45P	BABC-60P
Capacity	4 gallon(15L)	12 gallon(45L)	20 gallon(75L)	28 gallon(105L)	30 gallon(114L)	45 gallon(170L)	60 gallon(227L)
Material	pp						
Adjustable shelf	Optional	1 pc			2 pc		
Door	Single/Manual		Double/Manual				
External Size (W*D*H) mm	430*430*560	590*460*890	910*590*890	910*600*900	1090*460*1120	1090*460*1650	860*860*1650
Package Size (W*D*H) mm	515*515*700	675*545*1020	995*675*1020	995*685*1030	1175*545*1250	1175*545*1780	945*945*1780
Gross Weight	15kg	35kg	55kg	60kg	70kg	102kg	115kg

## Corpse Refrigerator



### Features:

- \* PID control and calibration system, LED display.
- \* The refrigeration system of each chamber can be controlled individually.
- \* Keyboard lock and password protection.
- \* Corpse tray can move freely with small roller wheels.

### Optional:

Germany SECOP compressor

24-hour tracing, recording and printing system

### Technical Parameters:

Model	BK-CR1	BK-CR2	BK-CR3	BK-CR4	BK-CR6
Chamber/Compressor No.	1	2	3	4	6
Rated Temp.	1~5°C				
Lowest Temp.	-18°C/-30°C				
Temp. Accuracy	0.1°C				
Refrigeration System	Professional finned condenser; Condenser fan with mesh enclosure; CFC-free refrigeration system, -18°C: Chinese brand compressor, R134a; -30°C: Germany SECOP compressor, R404a				
Visual and Audio Alarm	High temperature, Low temperature, Sensors failure				
Material	Internal / External: 201 or 304 stainless steel Insulating layer: polyurethane foam				
Consumption	350W	700W	1050W	1400W	2100W
Power Supply	AC220V, 50/60Hz				
Single Chamber Size(D*W*H)mm	1900*570*395				
External Size(D*W*H)mm	2480*810*650	2480*810*1190	2480*810*1800	2480*1580*1190	2480*1580*1800
Package Size(D*W*H)mm	2700*990*930	2700*990*1490	2700*990*2000	2700*1795*1490	2700*1795*2000
Gross Weight(kg)	201 SS	260	380	520	650
	304 SS	270	390	530	660

## Mouse Cage



### Features:

- \* Separate the feces and urine, easy to operate.
- \* Standard accessories: lids, bottles and stoppers
- \* Water bottle rack with a stainless steel tube below, to avoid the mouse when the water leakage to the ground.

### Technical Parameters:

Model	Material	Size
BK-CP3	PP/PC	318*202*136mm
BK-CP5	PP/PC	300*200*130mm
BK-SS4	PP	485*350*200mm
BK-R1	PP	465*300*180mm 465*300*150mm
BK-R5	PP	545*395*200mm
BK-H1	PP	375*330*190mm
BK-CP4	PP/PC	466*314*200mm
BK-JM1	PP	325*215*170mm
BK-JM2	PP	375*270*170mm