



### JP-BL100 Blue Light Transilluminator

### **Description**

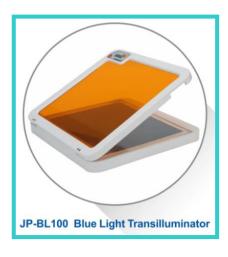
JP's Blue Light Transilluminator, uses the LED blue light technology that guarantees with long life cycle. It uses amber ray filter to offer blue light protection for human eyes, gel and samples. It is specifically designed for those users who frequently cut the gel.

- ✓ High intensity LED array offer outstanding signal to noise ratio.
- ✓ Offer an adjustable position amber viewing screen for viewing and easy access to gels.
- ✓ Safe to use and does not damage DNA
- ✓ Small footprint taken

### **Features**

- ✓ Easy to operate: no requirement for specifically made observation glasses.
- ✓ Safely to operate: offer more safe work environment than UV light transilluminator.
- ✓ Long life cycle: guarantee more than 50,000 hours' life cycle.
- ✓ Adjustable light source is friendly for photographing and human eyes.
- Small size and light in weight: save storage space and easy to handle.
- ✓ High sensitivity: could achieve to detect 0.1ul of DL2000(100pg)
- ✓ Available dye: UltraPower TM, G-Green, G-Red, GelGreen, SYBR Green, SYBR Safe, Goldview, SYBR Gold, SYPRO Ruby, EB etc.

- ✓ Transmission light source: Blue LED
- ✓ Transmission dimension: 158×176mm
- ✓ Wavelength: 400-500nm
- ✓ Instrument dimension: 220×220×38mm
- ✓ Instrument weight: 1.56kg
- ✓ LED life cycle: 50,000 hours
- ✓ Power: AC 220v, 50Hz



### **UV** transilluminator

## **Description**

The single wavelength 302nm UV Transilluminator, as model UV100, offers good quality & performance at a competitive price. It is suitable for labs that use Ethidium bromide, SYBRTM Gold, SYBRTM Green, SYBRTM Safe, Fluorescein, Texas Red etc.

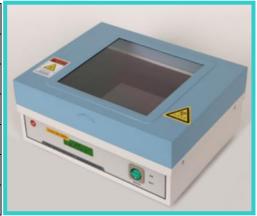
### **Features**

- 1. Single UV wavelengths: 302nm
- 2. Quick startup UV lamp
- 3. Strong frame and lifelong UV lamp
- 4. Built-in fan for cooling so as to prolong the life cycle
- 5. UV blocking cover: block 99.99% UV transmittance
- 6. Uniform lighting & Ultra high contrast

The UV100 offers a one year warranty.

## **Specification**

Transmission light source	UVB
UV blocking cover	Aluminum alloy frame
UV tubes	9 x 8W
Transmission Filter Size	200x200mm
Instrument dimension	350x225x75mm
Instrument weight	3.3kg
Power supply	AC220Volt. , 50Hz



**Alert**: Transilluminators are powerful sources of ultraviolet radiation which can cause serious damage to unprotected eyes and skin. Read the ultraviolet Caution Information before operating any transilluminators.

## **Handheld UV Lamp**

## **Description**

The model-UV-5-UV lamp is ergonomically designed for application on molecular diagnostic, biochemical, forensic and medical detection area.

### **Features**

- ✓ High UV intensity.
- ✓ Single or dual wavelength, with optional Dual 254/365 nm wavelength, or double 302nm wavelength.
- ✓ Built-in reflection to strength UV lighting.

- ✓ Transmission wavelength: 254nm、365nm OR double 302nm
- ✓ Transmission Filter Size: 200mmX50mm
- ✓ Instrument dimension: 280×70×120mm
- ✓ Instrument weight: 1.2kg ✓ Power: AC 220v, 50Hz



## **UV analyzer (UV Darkroom)**

## **Description**

The model-UV-7-UV lamp is ergonomically designed for application on molecular diagnostic, biochemical, forensic and medical detection area.

### **Features**

- ✓ Dual 254&365 nm wavelength
- ✓ Wholly enclosed dark room
- ✓ Optional built-in Camera for taking a picture
- ✓ Built-in reflection to strength UV lighting

- ✓ Transmission wavelength:254nm、365nm
- ✓ Transmission Filter Size:200mmX50mm
- ✓ Instrument dimension: 280×70×120mm
- ✓ Instrument weight: 3.2kg
- ✓ Power: AC 220v, 50Hz



### **Vortex Mixer**

## **Description**

Vortex Mixer-3 offers a variety of applications from gentle mixing to resuspending pellets at different labs. The unit has an elliptical orbit that allows a vortexing motion to be achieved even at low speeds. When in touch mode, the motion is activated by depressing the sample head and stopped by removing the pressure. Optional heads accept microplates, microtubes, PCR strip tubes, 15 and 50 ml tubes and blood tubes.

### **Features**

- ✓ Available for a variety of tube sizes
- ✓ Optional touch or continuous automatic mode
- ✓ Reliable and powerful motor
- ✓ Small footprint and light weight
- ✓ Suction feet &plate pad help to hold the unit in position
- ✓ 0.2/0.5/1.5/2.0/5/10/15ml multi-hole adaptor

Specification	
Power	60W
Orbital diameter	4mm
Motor rating input	58W
Motor rating output	10W
Speed range	0-2800rpm
Run type	Continuous Touch operation/Continuous
Dimensions(W×H×D)	140×145×145mm
Voltage	AC220Volt. , 50Hz
Weight	3.5kg



## **Gel-2880 Gel imaging analysis system**

## **Description**

Gel-2880, Gel documentation machine, is used to record and measure labeled nucleic acid and protein in various types of media such as agarose, acrylamide or cellulose. It is quick to set up and have an intuitive user interface for image capture, annotation, and contrast adjustment, just connect the computer and load the software. Images are easily saved and opened in common gel analysis software for more detailed analysis, completed images can be saved, printed, emailed, or exported for further analysis. It requires manually manipulate the camera to complete exposure and does not include PC.

#### **Features**

- ✓ Button & PC connected software could both control camera and UV lamp
- ✓ Camera with 5 million pixels
- ✓ Observe the samples inside the cabinet through UV view window
- ✓ Slide door for gel cutting
- √ 300nm UV lamp auto cut off if the cabinet door is open to prevent exposure
- ✓ Standard with UV 302nm, UV 365 and Epi-white light illumination.
- ✓ Imaging tools include crop, rotate, resize, contrast, saturation, and zoom

Camera	2592 (H) x 1944 (V), 5 million pixel
Camera Power Supply	DC power
Camera Interface	USB
Transilluminator Wavelength (nm)	300nm
Transilluminator Filter Size	250 x 200mm
Pixel size	5.7 um x4.28 um
sensitivity	Detects less than 0.01 ng EB chromosomal DNA
Filter	Standard 590nm, compatible with EB, Sybr, GoldView etc.
Dimensions(W×H×D)	430x 390x 720mm
Electrical	AC220Volt. , 50Hz
Weight	29kg



## **Chemiluminescence Imaging System**

## **Description**

JP-K300plus is a compact designed chemiluminescence gel documentation workstation, and dedicated to chemiluminescence imaging and is built for high performance and automation, featuring a high quantum efficiency CCD camera. Touch screen operation interface could provide smooth image capture experience. It is the researcher's choice that meets constraints in both budget and space within the laboratory.

### **Features**

- ✓ Complete with built-in processor and touch screen interface
- ✓ Compact designed workstation
- ✓ High resolution sensitive cooling CCD
- ✓ Large aperture lens
- √ No annoying background noise

chip: Sony ICX694, 2750 x 2200(6.05 M)							
16 bit(0-65535)							
4.54 x 4.54 um							
1×1, 2×2, 3×3,4×4 ,6×6,8×8							
< 65°C ambient (absolute temperature: -45°C, adjustable real time display CCD cooling temperature )							
Filter optic : Standard 590nm (EB/Gel Red/Biosafe/GelSafe Optional: 535nm、605nm、699nm wavelength							
Optic: F/0.95, 4/3inch camera, auto optic focusing through software							
Detects less than 0.01 ng EB chromosomal DNA							
300nm							
200 x 200mm							
AC 220v , 50Hz							
390x 350x 590m							



## Nano-600 Nano spectrophotometer

## **Description**

Nano-600 spectrophotometer is a simple to use UV/Visible instrument with a CCD array detector (Hamamatsu Photonics-Japan brand) with options ranging from micro-volume to standard cuvette. Nano-600 spectrophotometer measure available sample volume from 0.5~2.0µl.

### **Features**

- 1. Android system and 7 inch touch screen
- 2. Samples need no dilution process
- 3. Detection time consumption is less than 6 seconds
- 4. No warm up time needed
- 5. USB data output.



Wave length Scan range	200~800nm;
	Cuvette mode (OD600): 600±8nm
Available sample volume	0.5∼2.0µl
Optical path	<ul><li>0.2mm (High concentration);</li><li>1.0mm(general concentration)</li></ul>
Lamp	Xenon flash lamp
Lifetime	109flashes, up to 10 years
Optical Arrangement	1 x 3648 CCD Array(Hamamatsu Photonics)
Wavelength accuracy	1nm
Wavelength resolution	≤3nm(FWHM at Hg 546nm)
Absorbance Reproducibility	0.002Abs(1mm path)
Absorbance range (10mm equivalent)	0.02-100A; Cuvette mode(oD600): 0~4A
Detection time consumption	<6S
Detection Range dsDNA	$2{\sim}17500$ ng/ul(dsDNA)
Data output mode	USB
Sample base material	Quartz fiber and high hardness aluminum
Power supply	12V 4A 48W
Software System	Android
Dimension(mm)	270x210x196mm
Weight	3.5kg

## WER200/300/400 Elisa Reader (Microplate Reader)



#### **Features**

- 1. 8 channel optical fiber scanning
- 2. Flexible Plate layout with Blanks, Standards, Samples, Reference, QC in one screen
- 3. Single or dual wavelength measurements, comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
- 4. Proven optical system with 8 channel optical fiber scanning, auto plate centering system positions the center of the cell accurately
- 5. Performing 12 different tests just in one plate
- 6. Multi-forms in result output including patient comprehensive report
- 7. Auto Lamp adjustment and auto calibration, improve the efficiency of the system and reduce the cost
- 8. Easy connect to PC, comprehensive functions with Found WorkStation PC software

# **Technical Specifications**

Models	WER200	WER300	WER400					
Plate Type:		96 well/4	18 well					
Display	/	7 inch Touch Screen	10'4 Inch Touch Screen+Winsdows System					
Photodetector:		Silicon Photodiode						
Light source:		Controlled tungsten halogen lamp						
Wavelength range:		400-800nm						
Indication range:		0.000~4.000OD						
Resolution:		0.00	1A					
Accuracy:		±0.00	D8A					
Reproducibility:		≤0.2%						
Standard filters:		405,450,492,630nm & 4 Optional						
Shaking:		Linear Shaking , 3 speeds						
Interface connections:	DVI,V	DVI,VGA,NETWORK INTERFACE, USB,AUDIO INTERFACE, RS-232						
Power supply:		100~240V,	50~60Hz					
Dimensions:		460×350×	197mm					
weight:		10k	g					

### **Thermal Shaker**



Welso Thermo Shaker is a temperature control shaker which is widely used in a variety of molecular biology applications. User can easily set speed, time and temperature on the LCD. Heating, mixing and cooling functions can meet different requirements.

## **Applications**

- 1. Maintaining 14°C for ligation reactions. (cooling model)
- 2. Maintaining 17°C for storing oocytes. (cooling model)
- 3. Storing samples at ice bucket temperatures.
- 4. Storing enzymes or DNA libraries at your work station.
- 5. Transporting samples from the field at exactly the right temperature.
- 6. Heating samples in the field.
- 7. Enzyme reactions and deactivations.
- 8. Used for PCR sample preparation.

#### **Features**

- 1. LCD display. It is easy to setup and use.
- 2. Reliable design with inner extra temperature protection.
- 3. Each device is equipped with lifter that is easy to replace different blocks.
- 4. Digital accuracy and convenience.
- 5. Precision wells for uniform thermal transfer.
- 6. Assorted blocks for a wide variety of tube sizes.
- 7. Brushless DC Motor: noiseless long service life maintenance-free.
- 8. Conforms to CE safety standard.
- 9. Accurately control and display time, temperature and speed.

Item	Specifications				
Model	WTSH100	WTSC100			
Temperature setting range	0°C~10	00°C			
Temperature control range	RT-20°C~100°C	RT+5 ℃~100 ℃			
Time Setting	1min ~ 99h	59min/∞			
Temperature accuracy	≤±0.3	3℃			
Display accuracy	0.1	°C			
Temperature uniformity	≤±0.3	3℃			
Speed range	200~1500rpm	200~1800rpm			
Orbit	3mi	m			
Heating time	≤12min(25°C	Cto 100℃)			
Cooling time1	≤10min(100°Cto 25°C)	/			
Cooling time 2	≤15min(from RT to RT-20°C)	/			
Multi point running	Yes(Max 5	points)			
Multi cycle	Yes(Max 99 times)				
Auto heating	Yes				
Auto running	Yes				
Auto resume to run	Ye	s			
Storage at 4℃	Ye	s			
Capacity	Optional	blocks			
Power supply	150	w			
Voltage	AC100~240V/50-60HZ	AC220V or 110V/50-60HZ			
Fuse	250V 3A	Φ5×20			
Dimensions	260x195x	150mm			
Weight	8.5Kg	7.5kg			

## **Optional Blocks**

Order#	Capacity
WB130	96x0.2ml
WB131	54x0.5ml
WB132	35x1.5ml
WB133	35x2.0ml
WB134	20x1.5ml+15x0.5ml
WB135	96x0.2ml
WB136	24x5ml
WB137	15x10ml
WB138	12x15ml
WB139	6x50ml

### **Ultrasonic Cleaners**



### **General Introduction**

Welso ultrasonic cleaners have 6 series, Ultra-E with low noise is best choice for laboratory use. Ultra-A with adjustable power is the most cost-effective model. Ultra-D with dual frequency is designed for pharmaceutical applications. Ultra-L with 28Khz low frequency is ideal for disperse, mixing and emulsifying. Ultra-H with 80KHz high frequency is widely used in cleaning surface with gloss finish or precision components. Ultra-P with high power is mainly for industrial cleaning applications.

### **Features**

Cleaning tanks are made of SUS304 which has good water-proof performance. Adjustable working time (1~999mins) for different applications. Special draining device for easy draining of cleaning liquid. Adjustable cleaning temperature from room temperature to 80°C. Plexiglass panel which is fingerprint proof and acid alkali proof. LCD display which shows time, power and temperature separately. Germany-made microprocessor assures stable and high performance. Aluminum block at the bottom for better heat dissipation which guarantees long lifetime of cleaners.

## **Application**

## Laboratory

Degas, disperse, mix, emulsify samples as well as glassware cleaning.

## Jewellery

Cleaning of gold, silver, platinum jewelry and diamond.

### Industry

Cleaning of electronics, auto-mobile parts and refinement parts.

### Medical

Surgical and medical accessories and instruments as well as dental devices.

### Watch

Cleaning of watch mechanical parts, watch bracelets and other parts.

## Optics

Cleaning of optical parts, glasses and all joints.

WSE220 WSE320	Tank Dimension L*W*X(mm) 240*145*100 300*150*150	Clean Dimension L*W*X(mm) 265*165*245 325*175*295	Capacity (L)	Ultrasonic Power (W)	Frequency (Khz)	Heating Power (W)	Time Setting (min)	Temperature (°C)
WSE320				100	40	200	1.000/On	DT 00
	300*150*150	325*175*205				200	1-999/ON	RT-80
MOFFOO		020 110 200	6	150	40	200	1-999/On	RT-80
WSE520	300*240*150	330*270*295	10	200	40	300	1-999/On	RT-80
WSE250	300*240*150	330*270*295	10	250	40	300	1-999/On	RT-80
WSE300	300*240*150	330*270*295	10	300	40	300	1-999/On	RT-80
WSE400	330*300 *150	355*325*295	15	400	40	400	1-999/On	RT-80
WSE500	500*300*150	530*330*295	22.5	500	40	500	1-999/On	RT-80
WSE600	500*300*150	530*330*295	22.5	600	40	500	1-999/On	RT-80
WSE700	500*300*150	530*330*295	22.5	700	40	500	1-999/On	RT-80
WSE800	500*300*200	530*330*345	30	800	40	500	1-999/On	RT-80
	WSE300 WSE400 WSE500 WSE600 WSE700	WSE300 300*240*150 WSE400 330*300*150 WSE500 500*300*150 WSE600 500*300*150 WSE700 500*300*150	WSE300 300*240*150 330*270*295 WSE400 330*300*150 355*325*295 WSE500 500*300*150 530*330*295 WSE600 500*300*150 530*330*295 WSE700 500*300*150 530*330*295	WSE300         300°240°150         330°270°295         10           WSE400         330°300°150         355°325°295         15           WSE500         500°300°150         530°330°295         22.5           WSE600         500°300°150         530°330°295         22.5           WSE700         500°300°150         530°330°295         22.5	WSE300         300'240'150         330'270'295         10         300           WSE400         330'300 '150         355'325'295         15         400           WSE500         500'300'150         530'330'295         22.5         500           WSE600         500'300'150         530'330'295         22.5         600           WSE700         500'300'150         530'330'295         22.5         700	WSE300         300*240*150         330*270*295         10         300         40           WSE400         330*300*150         355*325*295         15         400         40           WSE500         500*300*150         530*330*295         22.5         500         40           WSE600         500*300*150         530*330*295         22.5         600         40           WSE700         500*300*150         530*330*295         22.5         700         40	WSE300         300°240°150         330°270°295         10         300         40         300           WSE400         330°300°150         355°325°295         15         400         40         400           WSE500         500°300°150         530°330°295         22.5         500         40         500           WSE600         500°300°150         530°330°295         22.5         600         40         500           WSE700         500°300°150         530°330°295         22.5         700         40         500	WSE300         300°240°150         330°270°295         10         300         40         300         1-999/On           WSE400         330°300°150         355°325°295         15         400         40         400         1-999/On           WSE500         500°300°150         530°330°295         22.5         500         40         500         1-999/On           WSE600         500°300°150         530°330°295         22.5         600         40         500         1-999/On           WSE700         500°300°150         530°330°295         22.5         700         40         500         1-999/On

Ultra-D series	Ultra-D seri	ies can realize	easy switch of	28KHz and	I 45KHz which	n is widely us	ed in pharn	naceutical app	lications.
	WSD220	240*145*100	265*165*245	3	100	28/45	200	1-999/On	RT-80
	WSD320	300*150*150	325*175*295	6	150	28/45	200	1-999/On	RT-80
	WSD520	300*240*150	330*270*295	10	200	28/45	300	1-999/On	RT-80
	WSD250	300*240*150	330*270*295	10	250	28/45	300	1-999/On	RT-80
	WSD300	300*240*150	330*270*295	10	300	28/45	300	1-999/On	RT-80
	WSD400	330*300 *150	355*325*295	15	400	28/45	400	1-999/On	RT-80
100 miles	WSD500	500*300*150	530*330*295	22.5	500	28/45	500	1-999/On	RT-80
100	WSD600	500*300*150	530*330*295	22.5	600	28/45	500	1-999/On	RT-80
	WSD700	500*300*150	530*330*295	22.5	700	28/45	500	1-999/On	RT-80
	WSD800	500*300*200	530*330*345	30	800	28/45	500	1-999/On	RT-80

240*145*100 300*150*150 300*240*150 300*240*150	265*165*245 325*175*295 330*270*295 330*270*295	3 6 10	100 150 200	28 28 28	200 200 300	1-999/On 1-999/On	RT-80 RT-80
300*240*150 300*240*150	330*270*295	10	200	28			
300*240*150					300	1-000/On	
	330*270*295	10				1-999/OH	RT-80
		10	250	28	300	1-999/On	RT-80
300*240*150	330*270*295	10	300	28	300	1-999/On	RT-80
330*300 *150	355*325*295	15	400	28	400	1-999/On	RT-80
500*300*150	530*330*295	22.5	500	28	500	1-999/On	RT-80
500*300*150	530*330*295	22.5	600	28	500	1-999/On	RT-80
500*300*150	530*330*295	22.5	700	28	500	1-999/On	RT-80
500*300*200	530*330*345	30	800	28	500	1-999/On	RT-80
	500*300*150	500*300*150 530*330*295	500*300*150 530*330*295 22.5	500*300*150 530*330*295 22.5 700	500*300*150 530*330*295 22.5 700 28	500*300*150 530*330*295 22.5 700 28 500	500°300°150 530°330°295 22.5 700 28 500 1-999/On

#### Ultra-H series Ultra-H series with 80KHz frequency ensures good penetrability which is ideal for cleaning precision components. 265\*165\*245 80 WSH220 240\*145\*100 100 200 1-999/On RT-80 WSH320 150 300\*150\*150 325\*175\*295 80 200 1-999/On RT-80 WSH520 1-999/On 300\*240\*150 10 200 80 300 RT-80 330\*270\*295 300\*240\*150 80 300 WSH250 330\*270\*295 1-999/On RT-80 WSH300 300\*240\*150 330\*270\*295 10 300 80 300 1-999/On RT-80 330\*300 \*150 80 400 1-999/On WSH500 500\*300\*150 530\*330\*295 500 80 500 1-999/On RT-80 22.5 22.5 WSH600 500\*300\*150 600 80 500 1-999/On RT-80 530\*330\*295 80 500 WSH700 500\*300\*150 530\*330\*295 700 1-999/On RT-80 WSH800 500\*300\*200 530\*330\*345 30 800 80 500 1-999/On RT-80

Ultra-P series	Ultra-P seri	es with high po	wer is designed	d for indus	trial cleanings				
	WSE220	240*145*100	265*165*245	3	160	80	200	1-999/On	RT-80
	WSE320	300*150*150	325*175*295	6	240	80	200	1-999/On	RT-80
	WSE520	300*240*150	330*270*295	10	320	80	300	1-999/On	RT-80
	WSE250	300*240*150	330*270*295	10	400	80	300	1-999/On	RT-80
	WSE300	300*240*150	330*270*295	10	480	80	300	1-999/On	RT-80
	WSE400	330*300 *150	355*325*295	15	640	80	400	1-999/On	RT-80
3539	WSE500	500*300*150	530*330*295	22.5	800	80	500	1-999/On	RT-80
	WSE600	500*300*150	530*330*295	22.5	960	80	500	1-999/On	RT-80
	WSE700	500*300*150	530*330*295	22.5	1120	80	500	1-999/On	RT-80
-	WSE800	500*300*200	530*330*345	30	1280	80	500	1-999/On	RT-80

Itra-A series	Ultra- A ser	ries is the most	cost effective	series with	adjustable po	wer which is	s also suitab	ole for laborato	ry use.
	WSA220	240*145*100	265*165*245	3	100	40	200	1-20/On	RT-80
	WSA100	300*150*100	325*175*230	4	100	40	200	1-20/On	RT-80
	WSA320	300*150*150	325*175*295	6	150	40	200	1-20/On	RT-8
	WSA520	300*240*150	330*270*295	10	200	40	300	1-20/On	RT-8
	WSA250	300*240*150	330*270*295	10	250	40	300	1-20/On	RT-8
	WSA300	300*240*150	330*270*295	10	300	40	300	1-20/On	RT-8
	WSA400	330*300 *150	355*325*295	15	400	40	400	1-20/On	RT-8
	WSA500	500*300*150	530*330*295	22.5	500	40	500	1-20/On	RT-8
	WSA600	500*300*150	530*330*295	22.5	600	40	500	1-20/On	RT-8
	WSA700	500*300*150	530*330*295	22.5	700	40	500	1-20/On	RT-8
	WSA800	500*300*200	530*330*345	30	800	40	500	1-20/On	RT-8

## **Water Bath**



### Introduction

A water bath is laboratory equipment made from a container filled with heated water. It is used to incubate samples in water at a constant temperature over a long period of time. Our microprocessor-controlled water baths provide superior temperature uniformity for your specific applications and offer unique features which can meet all customer requirements.

Model	WWB-1	WWB-2	WWB-4	WWB-6	
Temperature Range		RM to			
Temperature Accuracy		≤±(			
Control	Microprocessor				
Display	LED				
Holes	1	2	4	6	
Dimensions	160×160×130(mm)	300×150×140(mm)	330×330×140(mm)	450×300×130(mm)	
Volume	2.4L	4.8L	11L	17L	
Packing Dimension	200×200×220 (mm)	445×200×220 (mm)	445×445×200 (mm)	510×350×220 (mm)	
Power Consumption	300W	600W	1200W	1800W	
Power		AC220	OV 50Hz		

### Mini Dry Bath



Welso mini dry bath is a perfect choice for laboratory incubations. Its digital touch pad control and compact portable design make operation easy and convenient. With multiple fast fast heating microtube blocks, our mini dry bath is suitable for a range of uses in life science, molecular biology, environmental and industrial laboratories and a variety of applications including incubation, enzyme reactions, immuno-assays.

### **Features**

- 1. Accurate temperature control to 100C
- 2. Precision digital display
- 3. Compact, fits on benchtop and saves space
- 4. Exchangeable blocks for 0.2 to 2.0ml tubes
- 5. Custom blocks available upon request

## **Specification**

Model	WMDB100	WMDB200
Temperature setting arrange	Ambient+5°Cto 100°C	Ambient-15°Cto 100°C
Temperature Control Accuracy		≤±0.3°C
Temperature Uniformity		≤±0.3°C
Display accuracy		0.1°C
Time setting arrange		1sec~99h
Time for Heating	≤20min(40°C- 100°C)	≤20min(25°C- 100°C)
Time for Cooling	/	$\leq$ 20min(100°C- 25°C) / $\leq$ 25min(Ambient to 15°C below Ambient)
Preset Program	/	Max 5 with max 99 cycles
Size	145X113X110mm	145X113X140mm
Power Consumption	40W	60W
Power		AC100-240V/50- 60HZ
Weight	0.5kg	1kg

## **Optional Blocks**

Order#	Model	Specification
MDBB001	Block A	152.0ml tube
MDBB002	Block B	151.5ml tube
MDBB003	Block C	240.5ml tube
MDBB004	Block D	320.2ml tuve
MDBB005	Others	Customized Blocks upon to request

### **Vortex Mixer-3**



## **Description**

Vortex Mixer-3 offers a variety of applications from gente mixing to resuspending pellets at differentlabs. The unit has an elliptical orbit that allows a vortex ingmotion to be achieved even at low speeds. When in touch mode, the motion is activated by depressing the sample head and stopped by removing the pressure. Optional heads accept microplates, microtubes, PCR strip tubes, 15 and 50 ml tubes and blood tubes.

#### **Features**

- 1. Available for a variety of tubesizes
- 2. Optional touch or continuous automatic mode
- 3. Reliable and powerful motor
- 4. Small footprint and light weight
- 5. Suction feet & platepad help to hold the unit in position

#### **Product Features**

- 1. Power 60W
- Orbital diameter 4mm
- 3. Motor rating input 58W
- 4. Motor rating output 10W
- 5. Speedrange 0-2800rpm
- 6. Run typeContinuousTouchoperation/ Continuous
- 7. Dimensions(W×H×D)  $140\times145\times145$ mm
- 8. Voltage AC220Volt, 50Hz
- 9. Weight 3.5kg





- **\( +569 82684883**
- ventas@labmedltda.cl
   ventas@labmedltda.cl
   ventas.cl
   ventas.cl
- www.labmedltda.cl
- Antonio Varas 175, oficina 402, Providencia Ciudad Santiago Chile