

Microplate Incubators

DBI-P80-2



Features

- Microprocessor and temperature controlled with good liner, small fluctuations.
- Double heating system ensures the stability of incubation.
- Internal power supply provided is UL, CSA and CE approved.
- Easy to operate with one-touch knob.
- LCD display.



Description

- DBI-P80-2 Incubator for Microplates is a kind of microprocessor controlled and PID controlled incubator. It is compact, versatile, reliable and easy to use, mainly used in elisa plates(96/384 wells) or 96 wells tissue culture plates for samples cultivation of incubation.

Application

- Cytochemistry---for in situ reactions.
- Immunochemistry---for immunofermentative reactions.
- Biochemistry---for enzyme and protein analysis.
- Molecular biology---for micro array analysis.

Specifications

Model	DBI-P80-2
Temperature range	RT+5 ℃ ~80 ℃
Time range	1min ~ 99h59min
Accuracy of temperature	≤ ± 0.5 ℃
Display accuracy	0.1 ℃
Uniformity of module temperature	≤ ± 0.5 ℃
Heating time	≤10min(from RT. to 80 ℃)
Capacity	2 pcs micro plates or culture plates
Input power	120W
Voltage	AC220V or AC110V, 50/60Hz
Dimension	280×270×140mm
Weight	4.0Kg

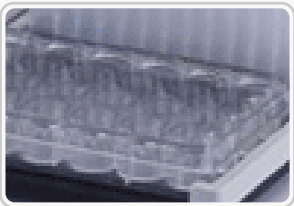
Microplate Incubators

DBI-P80-4

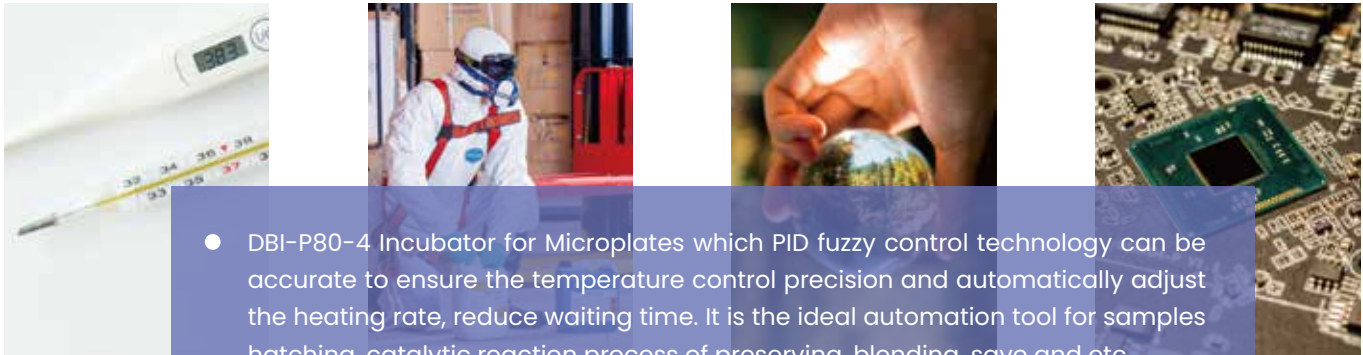


Features

- Automatic power recovery function.
- Temperature calibration function.
- Automatic preheating function.
- Built-in software and hardware over temperature
- Easy to set up and use, all information real-time display and showing set up operation, convenient to observe equipment running status.
- Support standard microplates and deep well plates.
- Protection device, will use more reliable.



Discription



- DBI-P80-4 Incubator for Microplates which PID fuzzy control technology can be accurate to ensure the temperature control precision and automatically adjust the heating rate, reduce waiting time. It is the ideal automation tool for samples hatching, catalytic reaction process of preserving, blending, save and etc.

Specifications

Model	DBI-P80-4
Temp. display range	0℃~80℃
Temp control range	RT+5℃~80℃
Time range	1min ~ 99h 59min/∞
Temp accuracy	≤±0.5℃*
Display accuracy	0.1℃
Temp uniformity	≤±0.5℃*
Heating time	≤10min(from RT to 80℃)
Auto preheating	Yes
Auto resume to run	Yes
Capacity	4 Microplates or Deep well plates
Power supply	300W
Voltage	AC220V or AC110V /50-60HZ
Fuse	250V 3A Φ5×20
Size	340x320x200mm
Weight	6.5Kg

Microplate Incubator

DBI-P80-2II



Description

- This incubator is designed for microplates, controlled by PID with timer and incubation. Compatible with different plates like ELISA 96 /384 wells plates, cell culture plates (24 /48 /96 wells).

Features

-  **LCD** • LCD display, friendly design.
-  • Heated lid ensures temperature uniformity.
-  **PID** • Controlled by PID, stable temperature.
-  • Buzzer alarm when program ends up.
-  • Stable and reliable operation.

Specification

Model	DBI-P80-2II
Temperature Control Range	RT +5~80 ℃
Temperature Accuracy	±0.3 ℃
Temperature Uniformity	±0.3 ℃
Heating Up Rate	<15 min (20℃ to 80 ℃)
Timing	0—99h59min
Capacity	2plates
Max.Power	150W
Electricity	AC100-230V,50-60Hz
Dimension(W*D*H)	280*278*150mm
N.W./G.W.	5.9kg/7.5kg
Shipping Dimension(L*W*H)	420*420*280mm

Microplate Incubator

DBI-PR80-2





Description


DBI-PR80-2 Thermo Shaker for Microplates is with technique of direct brushless DC motor and PID intelligent temperature control.


Mainly used for shaking and cultivation in elisa plates (96/384 wells), tissue culture plates (24/48/96 wells).


Features

- 

LCD displays system status and parameters.
- 

Easy to operate with one touch knob.
- 

Set-up the time within 0~100hours, instrument will make alarm voice when completing.
- 

Stable and reliable operation with high quality switch.
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With power recovery, instrument will be continuous to run when power recovers from outage.

Specifications

Model	DBI-PR80-2
Temp. range	RT+5℃ ~80℃
Timing range	1min ~ 99h59min
Speed range	200~1600rpm
Orbit	3mm
Temp. accuracy	≤±0.5℃
Display accuracy	0.1℃
Temp. uniformity	≤±0.5℃
Heating time	≤10min(from RT. to 80℃)
Sample capacity	2PCS microplates or culture plates
Heating part	Heating film
Power consumption	150W
Electricity	AC100V~240V
External dimension(mm)(W*D*H)	270×280×140
Net weight(kg)	7

Microplate Incubator

DBI-PR80-4



Description

DBI-PR80-4 thermo shaker for microplates is a multipurpose thermostatic shaker controlled by brushless DC motor and PID intelligent temperature control technology.

which PID fuzzy control technology can accurate to ensure that the temperature control precision and automatically adjust the heating rate, reduce waiting time.

DBI-PR80-4 combines constant temperature and oscillation perfectly together, greatly shorten the experimental operation time, which is the ideal automation tool for samples hatching, catalytic reaction process of preserving, blending, save and etc.

Features



Support standard microplates and deep well plates.



Brushless DC motor, low noise, small interference, free maintenance.



Automatic preheating function.
Automatic power recovery function.



Temperature calibration function.



Easy to set up and use, all information real-time display and showing setup operation, convenient to observe equipment running status.



Built-in software and hardware over temperature protection device, will use more reliable.

Specifications


Model	DBI-PR80-4
Temp. display range	0℃~80℃
Temp. control range	RT+5℃~80℃
Time range	1min ~ 99h59min/∞
Temp. accuracy	≤±0.5℃
Display accuracy	0.1℃
Temp. uniformity	≤±0.5℃
Speed range	200~1350rpm
Orbit	3mm
Heating time	≤10min(from 25℃ to 80℃)
Auto preheating	Yes
Auto resume to run	Yes
Capacity	4 Microplates or Deepwell plates
Power consumption	300W
Electricity	220V or 110V AC /50-60HZ
Fuse	250V 3A Φ5×20
External dimension(mm)(W*D*H)	320x340x200
Net weight	9.5kg

Microplate Incubator


DBI-PR80-5




Selling points




Speed range: 200~1600rpm



Temp accuracy: $\leq \pm 0.5^{\circ}\text{C}$ @37 $^{\circ}\text{C}$



Temp setting range: 0 $^{\circ}\text{C}$ ~100 $^{\circ}\text{C}$



Orbit: 3mm



Features

- Structural features**
 - LCD display, easy to setup and use.
 - Brushless DC motor, low noise, small interference, free maintenance.
 - Built-in software and hardware over temperature protection device, will use more reliable.
 - Wrap-around heating lid design reduces thermal edge effects. It is the ideal automation tool for sample incubation, catalysis , blending and preservation. With a wrap-around heating lid design, two options for heating lid temperature control: automatic or manual.
- Functional features**
 - Support 6 standard microplates and deep well plates.
 - Automatic preheating function.
 - Automatic power recovery function.
 - Automatic fan function.
 - Temperature calibration function.
 - Support 6 plates timing independently. Independent timing function allows timing a single plate, that increases flexibility in processing multiple batches.
 - Its PID intelligent temperature control technology ensures the temperature accuracy, automatically adjusts the heating rate and reduces waiting time.

Description

- TS400 Thermo Shaker for Microplates is a multipurpose thermostatic shaker controlled by brushless DC motor. It can be used in storing enzymes or DNA libraries at your workstation, transporting samples from the field at exactly the right temperature, heating samples in the field, also enzyme reactions, deactivations and PCR sample preparation.

Specifications

Model	DBI-PR80-5
Temp. display range	0 $^{\circ}\text{C}$ ~100 $^{\circ}\text{C}$
Temp control range	RT+5 $^{\circ}\text{C}$ ~100 $^{\circ}\text{C}$
Time range	1min ~ 99h59min/ ∞
Speed range	200~1600rpm
Orbit	3mm
Temp accuracy	$\leq \pm 0.5^{\circ}\text{C}$ @37 $^{\circ}\text{C}$ *
Display accuracy	0.1 $^{\circ}\text{C}$
Temp uniformity	$\leq \pm 0.5^{\circ}\text{C}$ @37 $^{\circ}\text{C}$ *
Heating time 1	<5min(from 25 $^{\circ}\text{C}$ to 60 $^{\circ}\text{C}$)*
Heating time 2	≤ 20 min(from 25 $^{\circ}\text{C}$ to 100 $^{\circ}\text{C}$)*
Auto preheating	Yes
Preheating setting range	37 $^{\circ}\text{C}$ ~100 $^{\circ}\text{C}$
Pause function	Yes
Auto resume to run	Yes
Auto fan function	Yes
Independent timing function	Yes
Heating lid temp. control mode	Automatic / Manual
Multi point running	Yes(Max 5points)
Multi cycle	Yes(Max 99times)
Capacity	6 Microplates or Deepwell plates
Power	480W
Electricity	AC220V or AC110V /50-60HZ
Dimension	481*346*228(mm)
Weight	15kg

Microplate Incubator

DBI-PS80-2



Description

- It is designed for microplates, controlled by PID.It has timing, incubation and shaking functions, and is suitable for ELISA 96/384-well plates, cell culture plates (24/4896-wells) and other different plates.

Features

- LCD display.
- Heating id ensures temperature uniformity.
- Controlled by PID, stable temperature.
- Buzzer alarm when program ends up.
- Brushless motor,maintenance free.
- Safe to use.

Specifications

Model	DBI-PS80-2
Speed	200-1500 rpm
Amplitude	2mm (Horizontal rotation)
Temperature Control Range	RT.+5~80 ℃
Temperature Control Accuracy	±0.3 ℃
Temperature Uniformity	±0.3 ℃
Heating Up Rate	< 15min (20℃ to 80℃)
Timing	0-99h59min
Capacity	2 plates
Max.Power	150W
Electricity	AC100-230V, 50-60Hz
Dimension(L*W*H)	280*278*150mm
N.W./G,W,	6.5kg/8.7kg
Package Dimension (W*D*H)	430*430*300mm