

# WiseCube® WIS-30 Precise Shaking Incubator, Front Door type, Orbital Motion

With Digital Fuzzy Control, up to 60°C, 20~250 rpm, "PL insurance"



WIS-30R

## Applications & Features

- Useful for Biological Cultures under various Temperatures
- Precise Temperature Control by Digital Fuzzy Controller, from 10°C to 60°C
- Digital Timer function : 99hours, 59minutes
- Front door and Sliding platform provides easy loading and handling of sample flasks.
- Jog-Shuttle Switch (Patent pending) and Touch sensitive membrane type Keypad.
- Digital LCD with Back-Light Function
- Advanced Shaking Mechanism provides Quiet Shaking and Precise Speed Control with Digital Display.
- Minimum Noise and No Vibration.
- Accommodate Flask up to 1000ml
- Stabilized Orbital Motion
- Including Universal Rack for Various Shapes/Size of Flasks. (Optional)
- Automatic Stop of Shaking and Heating when Door is Opened.
- Over temperature and Current protection Capability for User Safety.
- PL (Product Liability) Insurance

## Patented Control System

(No. 10-0554098)

1 or 2 Mode Buttons + Jog Shuttle Switch  
Realize "Easy to Use"

## Specification

Model		WIS-30	WIS-30R
Dimension (w × d × h)	Internal (mm)	570 × 465 × 470	
	External (mm)	916 × 730 × 683	
System		none	
Heater		500 W	700 W
Refrigerator		none	1/3 HP
Temp.	Range	Ambient +5°C ~ 60°C	10°C ~ 60°C
	Accuracy	±0.1°C at 25°C	
	Uniformity	±0.5°C at 25°C	
Shaking	Speed	20 ~ 250 rpm	
	Stroke	25mm Orbital Motion	
Controller		Digital Fuzzy Controller with Jog-Shuttle Switch (Turn + Push)	
Display		Digital LCD Display	
Timer		99hr 59min, (Continuous Function Included)	
Compressor Control		Intelligent Control of Refrigerator for preventing Overload of Compressor	
Refrigerant		CFC-Free(134A) Refrigeration System	
Material	Inner	Stainless Steel	
	Outer	Powder Coated Steel	
Platform		Universal Platform for various Shapes & Size of Flask	
Maximum Capacity of Flask Holder	FH100	36 ea	
	FH250	20 ea	
	FH500	16 ea	
Holder		Durable & Flexible Plastic Flask holder (up to 1000ml)	
Safety Device		Over Temp Protector, Over Current & Leakage Breaker	
Others		Storage Function (Temp., Timer), Locking Mode (Jog-Shuttle Input disabled) Alarm ( for Error Status and Timer-end ) Automatic Stop When Door is Opened	
Power Supply*		AC 110 V, 60 Hz or AC 220 V, 50 / 60 Hz	

\* Others Specifications are available upon customer's request.

## Ordering Information

### General Purpose-type, Ambient +5°C ~ 60°C

DH.WIS03010 Shaking Incubator, WIS-30,  
Ambient +5°C ~ 60°C, with SP630 Universal Platform

### Refrigerated-type, 10°C ~ 60°C

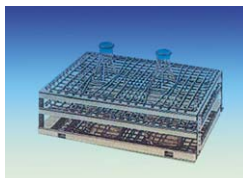
DH.WIS03011 Shaking Incubator, WIS-30R, 10°C ~ 60°C  
with SP630 Universal Platform

### Optional Accessories

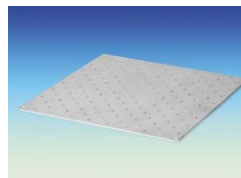
DH.WIS504530 Universal Spring Rack for WIS-30(R), SR530  
W498 × D408 × H135

DH.WIS504630 Universal Platform for WIS-30(R), SP630  
W485 × D405

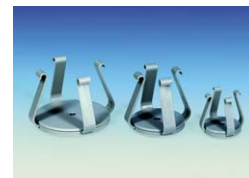
DH.WIS504030 Flask Holder for Shaker, FH100, 50~100ml  
DH.WIS504035 , FH250, 200~300ml  
DH.WIS504040 , FH500, 500~1000ml



Universal Spring Rack



Universal Platform



Flask Holders