

# WiseCube® WIS-20 Precise Shaking Incubator, BenchTop type, Orbital Motion

With Digital Fuzzy Control & Digital LCD-Light Back, 10~60°C, 20~250 rpm, "PL insurance"

Specification			
Model		WIS-20	WIS-20R
Dimension (w × d × h)	Internal (mm)	530 × 530 × 350	
	External (mm)	575 × 855 × 850	
Heater		500 W	700 W
Refrigerator		None	1/4 HP
Temp.	Range	Ambient +5°C ~ 60°C	10°C ~ 60°C
	Accuracy	±0.1°C at 37°C	±0.1°C at 25°C
	Uniformity	±0.5°C at 37°C	±0.5°C at 25°C
	Sensor	PT100	
Refrigerator	Speed	20 ~ 250 rpm	
	Stroke	30mm Orbital Motion	
Controller		Digital Fuzzy Controller with Jog-Shuttle Switch (Turn + Push)	
Display		Digital LCD with Back-Light Function	
Timer		99hr 59min (Continuous Function Included)	
Compressor Control		None	Intelligent Control of Refrigerator for preventing Overload of Compressor
Refrigerant		None	CFC-Free(134A) Refrigeration System
Material	Internal	Stainless Steel	
	External	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. and Over Current Protector, Sensor Error Detector, Leakage Breaker	
Others		Storage Function (Temp., Timer) Locking Mode (Jog - Shuttle Input disabled) Alarm ( Error Status and Timer-end ) Automatic Stop When Door is Opened 1200	
Power Supply*		AC 110 V, 60 Hz or AC 220 V, 50 / 60 Hz	

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

## Ordering Information

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

DH.WIS02010 Shaking Incubator, WIS-20, Ambient +5°C ~ 60°C with SP600 Universal Platform

### Refrigerated-type, 10°C ~ 60°C

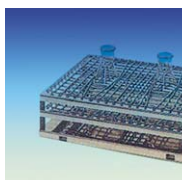
DH.WIS02011 Shaking Incubator, WIS-20R, 10°C ~ 60°C with SP600 Universal Platform

### Optional Accessories

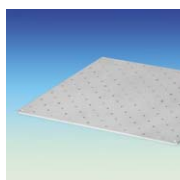
DH.WIS504500 Universal spring rack for WIS-20(R), SR500  
W483 × D483 × H135

DH.WIS504600 Universal Platform for WIS-20(R), SP600  
W478 × D478

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



Universal Spring Rack



Universal Platform



Flask Holders



WIS-20R

## 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
- 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.
- Automatic Stop of Shaking, Heating and Refrigeration when Door is Opened.
- Over Temperature & Over Current Protection, Sensor Error Detection, Leakage Breaking.
- Accommodate Flask up to 1000ml
- Stabilized Orbital Motion
- Universal Spring Rack for Various Shapes/Sizes of Flasks is available (Optional)
- PL(Product Liability) Insurance

## Patented Control System

(No. 10-0554098)

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