

**“Witeg” WiseCube® WIR Low Temperature (B.O.D) Incubators, 150-/250-/420/ Lit.**  
 With Digital Fuzzy Control & Digital LCD-Back Light System, Forced Convection, 0~60°C, ±0.1°C, “PL insurance”



WIR-150

#### Applications & Features

- **Variable Application : Animal & Plant Cell Culture, Constant Temperature, Germination, Test, BOD Test, and so on.**
- **Digital Fuzzy Control System Implementing Superior Temperature Accuracy Jog-Shuttle Switch.**
- **Intelligent Control of Refrigerator for preventing Overload of Compressor.**
- **Innovative Easy-to-Use Controller built on Door.**
- **RS232C Interface for Monitoring and Controlling with PC**
- **Highest Temperature Uniformity by Forced Convection**
- **Stainless Steel Chamber and Chrome-coated Shelves - Corrosion Resistance**
- **Over Temperature & Over Current Protection, Sensor Error Detection, Leakage Breaking.**
- **Storage function, Alarm, Timer, Back-Light LCD display**
- **Locking Mode supported for Experimental Safety (Input to Jog-Shuttle can be disabled)**
- **CFC-free (134A) Refrigeration System.**

#### Specification

Model		WIR-150	WIR-250	WIR-420
Dimension (w×d×h)	Internal (mm)	500×500×600	500×500×1000	700×600×1000
	External (mm)	660×780×1215	660×790×1590	860×890×1590
Capacity		150 Lit.	250 Lit.	420 Lit.
Heater		700 W	800 W	1.2 kW
Refrigerator		1/4 hP	1/3 hP	1/2 hP
Temp.	Range	0°C ~ 60°C		
	Accuracy	±0.1°C		
	Uniformity	±1.0°C		
	Sensor	PT100		
Controller		Digital Fuzzy Controller with Jog-Shuttle Switch (Turn + Push)		
Display		Digital LCD Display with Back-Light Function		
Timer		99hr 59min, (Delay & Continuous Function Included)		
Compressor Control		Intelligent Control of Refrigerator for preventing Overload of Compressor		
Refrigerant		CFC-Free(134A) Refrigeration System		
Material	Internal	Stainless Steel		
	External	Powder Coated Steel		
Shelves		3 or 5 Teflon Coated Steel Shelves of Adjustable Position		
Door Gasket		High Temperature Grade Foamed Silicone Rubber		
Viewing Window		Tempered Safety Insert Glass, 5t		
Air Circulation		Forced Convection		
Safety Device		Over Temp. and Over Current Protector, Sensor Error Detector, Leakage Breaker		
Others		RS232C Interface for Monitoring and Controlling with PC Storage Function (Temp., Timer) Locking Mode (Jog-Shuttle Input disabled) Alarm ( Error Status and Timer-end )		
Power Supply*		AC 110 V, 60 Hz or AC 220 V, 50 / 60 Hz		

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

#### Ordering Information

DH.WIR01150 Low-Temperature Incubator, WIR-150, 0~60°C, 150 Lit.  
 DH.WIR01250 , WIR-250, 0~60°C, 250 Lit.  
 DH.WIR01420 , WIR-420, 0~60°C, 420 Lit.