

Incubator | gravity-air

Jog-Dial controller, gravity-air flow, up to 70°C, 32 / 50 / 105 / 155 l



Gravity-air
3-sided heating zone



Wise remote



Jog-Dial controller

IQ | OQ
available
page 12 for details



WIG-105 with Jog-Dial controller
and 2x PE-coated steel wire shelves (included)

WIG 70°C, 32 / 50 / 105 / 155 l

Ideal for:

- microorganism culture, animal and plant cell culture, constant temperature, germination, etc.

Features:

- gravity-air flow preventing cross contamination of samples
- temperature uniformity and accuracy by high performance 3-sided heating mechanism
- 2x PE-coated steel wire shelves included
- ambient to 70°C of temperature range, fluctuation of $\pm 0.2^\circ\text{C}$ at 37°C, ± 0.3 at 50°C
- corrosion resistant stainless steel chamber, powder-coated body
- inner tempered glass door with silicone packing offers easy observation without door opening
- controller SW can be upgraded through USB port
- RS232C interface for monitoring and controlling (WireRemote)
- storage function for the set values of temperature and timer
- alarm function: error status and timer end
- backlight LCD display
- CE & UL/CUL certified and unique serial number for tracing

Safety mechanism:

- overheat and over-current protection
- sensor error detection and locking mode

Controller:

- **Jog-Dial controller (PID)** with 2-way knob (turn and push), digital LCD with backlight, and two durable setting buttons

Model	WIG-32	WIG-50	WIG-105	WIG-115
Capacity	32 l	50 l	105 l	155 l
Temperature range & control resolution	room temperature +5°C - +70°C, ±0.1°C			
Temperature fluctuation & sensor	±0.2°C at 37°C, ±0.3°C at 50°C, PT 100 sensor			
Temperature variation	±0.6°C at 37°C, ±1.0°C at 50°C			
Heater power	150 W	200 W	300 W	400 W
Heat-up time	25 min to 37°C, 40 min to 50°C			30 min to 37°C, 40 min to 50°C
Recovery time (door open 30sec)	8 min to 37°C, 12 min to 50°C		10 min to 37°C, 15 min to 50°C	
Timer & alarm	99hr 59 min (delay & continuous run)			
Shelves	2 x PE-coated steel wire shelves included, total load 32 kg (16 kg per shelf)			
Ventilation hole	1 ventilation hole (inner Ø40 mm) with stainless steel cap			
Internal dimensions (W x D x H, mm)	312 x 290 x 360 mm	370 x 350 x 420 mm	485 x 410 x 535 mm	550 x 475 x 600 mm
External dimensions (W x D x H, mm), net weight	458 x 477 x 624 mm, 32 kg	518 x 537 x 701 mm, 40 kg	635 x 595 x 841 mm, 59 kg	700 x 660 x 906 mm, 71 kg
Packing size & gross weight	568 x 592 x 698 mm, 39 kg	628 x 652 x 775 mm, 53 kg	731 x 710 x 1018 mm, 67 kg	796 x 775 x 1083 mm, 78 kg
Power supply	1 Phase AC 120V, 60 HZ or AC 230V, 50/60 Hz			
Power consumption	159 W	169,9 W	292,9 W	420,5 W
Energy consumption at 37°C/ at 50°C	34 Wh/ 81 Wh	41 Wh/103 Wh	63 Wh/ 152 Wh	99 Wh/ 212 Wh
Order number 230V	DH.WIG03032	DH.WIG03050	DH.WIG03105	DH.WIG03155
Order number 120V	DH.WIG04032	DH.WIG04050	DH.WIG04105	DH.WIG04155

Accessories: Suitable stainless steel and PE-coated shelves can be found on page 71