

Great & Precise **HOT AIR CIRCULATING OVEN**

GT series



GT-80

GT-150

(Recorder: option)

- **Electronic Precise Temperature Control**

Proportional (or PID) controller with Pt sensor and non-contact relay, performs accurate operation within $\pm 0.5^{\circ}\text{C}$ control accuracy.

- **Unique Slide-Shutter System**

Specially precise and uniform temperature distribution is realized by this unique system, together with one or two strong large fan and exhaust-damper which can control suitable air exhaust from the oven. The slide-shutters are set on the left and right side whole wall of

inner chamber, and can control finely hot air inlet-outlet. (cf. next page)

- **Big Capacity Models with High Operation Efficiency**

You can choice reasonable model among six models from 80 cm wide (384l) to big 250 cm wide (4,500l).

- **Operation-Start is One-Touch**

Operation starts by your one-touch of the start-button. You can select timer (24 hours) operation or continuous operation by the selector switch. Also optional model with program-

controller is prepared.

- **Safety System**

Reliable operation safety system – overheat protector independent of main controller, safety system for fan-motor over load, or slight leakage and short circuit breaker, etc.

- **Optional Specifications are acceptable**

Special size, temperature range (max. 500°C), with program controller, with temperature recorder, with observation window, with inner light, or with micro filter etc.

Specification

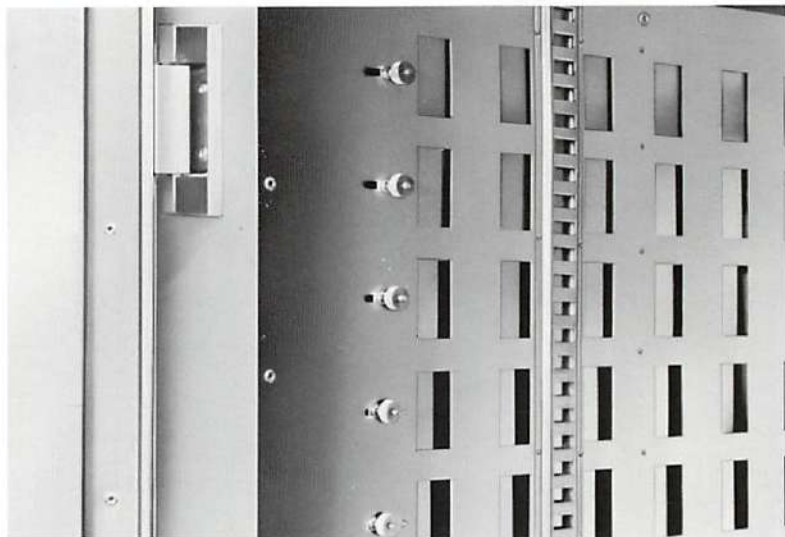
model	GT-80	GT-100	GT-120	GT-150	GT-200	GT-250
Inner W × D × H (cm)	80 × 60 × 80	100 × 80 × 100	120 × 90 × 120	150 × 100 × 150	200 × 100 × 150	250 × 120 × 150
Inner volume	384l	800l	1,296l	2,250l	3,000l	4,500l
Temperature range	Room temperature $+5^{\circ}\text{C}$ ~ 200°C (300°C : option)					
Temperature controller	Proportional analog type			Proportional digital type (PID: option)		
Distribution accuracy	$\pm 1^{\circ}\text{C}$ (at 100°C), $\pm 1.5^{\circ}\text{C}$ (at 150°C)...no load				$\pm 2^{\circ}\text{C}$ (at 100°C), $\pm 3^{\circ}\text{C}$ (at 150°C)	
Overheat preventor	Hydraulic type					
Timer	24 hours (Automatic reset type), Timer ↔ Continuous operation select switch					
Material	Inner: Stainless steel (SUS 304)			Outer: Steel with baked enamel finish, Silicon lid packing		
Heater	Ni-Cr strip wire heater (Stainless sheathed heater: option)					
Electricity	AC200 ~ 240V, 1 ϕ	AC200 ~ 380V, 3 ϕ				
Max. Power Consump.	2.6kW	6.4kW	8.4kW	11kW	15kW	19kW
Outer W × D × H (cm)	142 × 71 × 150	162 × 91 × 170	182 × 101 × 190	214 × 112 × 181	264 × 112 × 181	314 × 132 × 188
Weight	180kg	300kg	420kg	550kg	720kg	1,000kg
Shelves	3	3	3	8...with center pillar		

GT series Oven

Panel



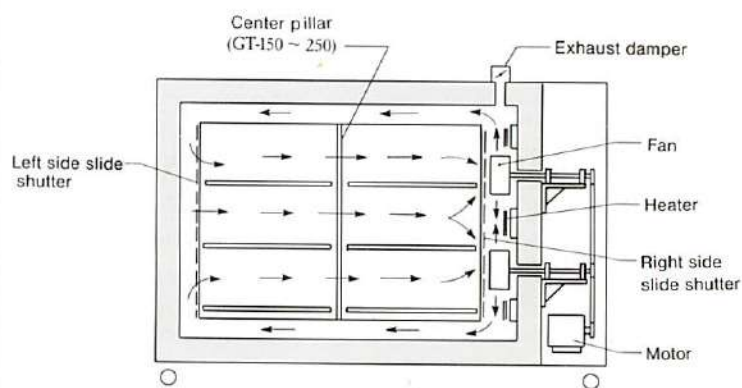
Slide Shutter



Optional Specification

- Program controller
- 1 ~ 6 points recorder
- 300 ~ 500°C high temperature spec.
- Spec. for heavy weight samples
- Spec. to use shelf-car
- Door with observation window
- Light in chamber
- Spec. with micro filter
- Stainless steel outer wall
- Cable hole and receptacle in chamber

Structure



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