

Compact Hot-Air Circulating Type Temperature Chamber "MINI JET OVEN", Model MO-921 and MO-931

TOYAMA

- With high accuracy, safety and availability of N₂ gas introduction
- Most suitable for thermal test of paints, for paint makers and automobile companies

<FEATURES>

- High accuracy in temperature control due to digital PID control and SSR drive output
- Stackable on top of another
- Equipped with stainless-steel sheathed heater with fins (with thermal efficiency and safety)
- Simplified N₂ gas introduction types are also available (MO-921G and MO-931G models)



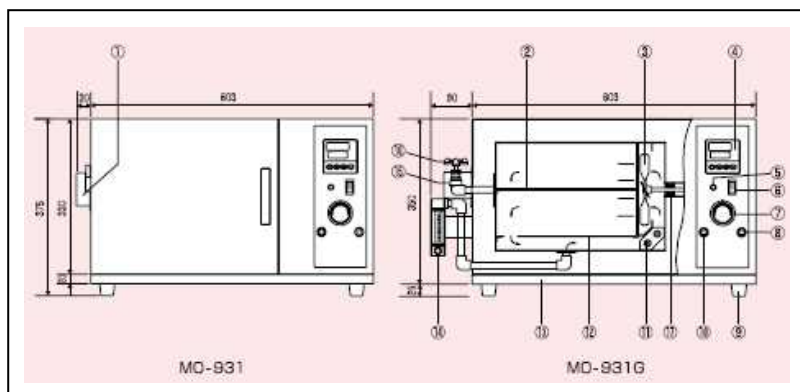
<SPECIFICATIONS>

Model	MO-921	MO-931
Method	Hot-air circulation	
Temperature for use	40 to 200°C	50 to 300°C
Temperature control	Up to 200°C (by 1°C), digital	Up to 300°C (by 1°C) digital
Temp. controller	Digital controller (PID control with auto tuning)	
Sensor	Platinum probe (Pt-100Ω)	
Temp. control accuracy	±(0.3%/FS ±1 digit)	
Temp. distribution	±2°C at 200°C	±2°C at 300°C
Temp. rise time	Within 40 minutes up to +200°C	Within 60 minutes up to +300°C
Heater	600W (stainless-steel sheathed heater)	800W (stainless-steel sheathed heater)
Chamber dimensions	300(W) x 300(D) x 200(H) mm	
Outside dimensions	633(W) x 430(D) x 355(H) mm	633(W) x 448(D) x 375(H) mm
Safety mechanism	Ground-fault circuit interrupter, circuit protector & overheat protector	
Number of shelf	2 pieces (for mid and lower stages)	
Power source	100/110V or 220/230V, 50/60Hz	
Max. power consumption	Approx. 0.65kVA	Approx. 0.85kVA
Weight	Approx. 30kg	Approx. 35kg

* MO-921G/MO-931G: with a gas flow meter (N₂ gas 10L/min. with a ring joint) and gas introduction pipe

<OPTION>

- 1) Variable wind speed mechanism
- 2) Cable hole (25mm in diameter, with silicon plug)
- 3) Observation window (150 x 100 mm)
- 4) Timer mechanism (on/off timer control)



<NAME OF PARTS>

1	Exhaust dumper
2	Mid stage shelf (punched plate)
3	Fan
4	Digital temp. controller
5	Indicator of overheat protector
6	Power switch
7	Overheat protector
8	Circuit protector (10A)
9	Rubber leg
10	Circuit protector (1A)
11	Heater unit
12	Lower stage shelf
13	Bottom protection cover
14	N ₂ gas flow meter
15	Exhaust protection cover
16	Exhaust needle valve
17	Teflon seal

Supplied by:

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Manufacturer:

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