

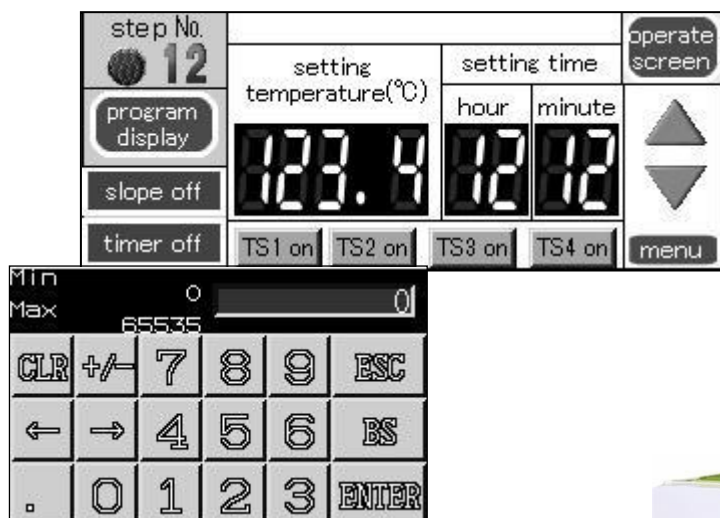
TRO

(Ambient temp. +80°C) to +500°C

NAME	TRO series		
MODEL	TRO-51DPA	TRO-52DPA	TRO-53DPA
POWER SUPPLY	Highest temperature is +500° C AC 200V ±10% 3φ 50/60Hz		
ELB	20A	30A	40A
CONTROL SYSTEM	Hot air circulation method		
OPERATING CONDITIONS	Ambient: +10 to +30° C, 20 to 80%RH		
PERFORMANCE			
Temperature range	(Ambient temp. +80° C) to +500° C		
Fluctuation	±0.6° C(at +150° C), ±0.8° C(at +300° C)		
Variation in space	2.3° C(at +150° C), 4.5° C(at +300° C)		
Temperature rise time	(Ambient temp. +30° C) to +300° C within 60 min.		
CONFIGURATION			
Controller	KATO DPA instrumentation		
Internal material	Stainless steel plate		
External material	Cold-rolled steel plate, Painting finished		
Insulating material	Rock wool, Silicon packing		
DRY HEATER	Stainless steel sheath heater		
Out put	1.5 kW	3.0 kW	4.0 kW
BLOWING / CHUMING	Ventilation and circulation system with Pressure fan		
ACCESSORIES	Adjustable shelf ×2 sets, Air inlet, Exhaust pipe		
SAFETY UNITS	Earth leakage circuit breaker, Blowing motor overload relay, Overheat prevention unit		
OPTIONS	Signal tower, Recorder, Cable hole 30, 50, 100φ, Shelf, Operation holes, Interface RS-232C, Time signal unit, Overheating preventing unit for heater unit, Floor Reinforcement		
INTERNAL CAPACITY (L)	72	150	288
INTERNAL DIMENSIONS : W.H.D.mm	450×400×400	600×500×500	800×600×600
EXTERNAL DIMENSIONS : W.H.D.mm	1000×650×515	1150×750×610	1400×900×800
WEIGHT (kg)	60	100	200

*The performance values are based on JTM K-07, IEC60068-3-5:2001, and no specimen inside the test area.

*The above specifications may be changed for any improvement of product without giving any preliminary notification.



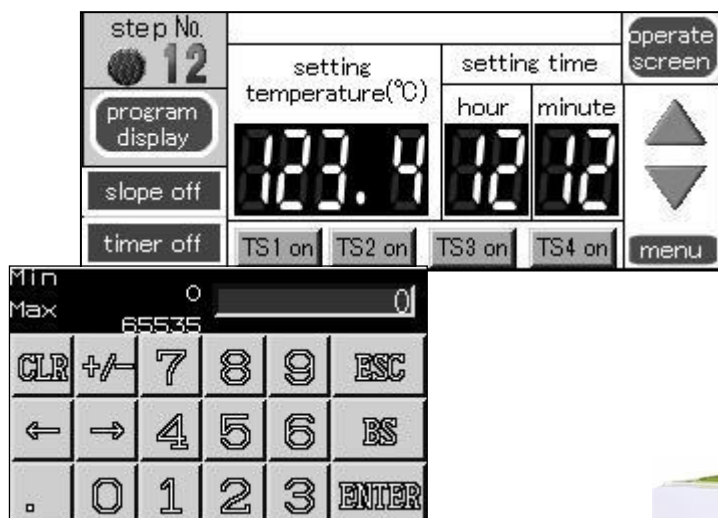
TRO

(Ambient temp. +30°C) to +300°C

NAME	TRO series		
MODEL	TRO-31DPA	TRO-32DPA	TRO-33DPA
POWER SUPPLY	Highest temperature is +300° C AC 200V ±10% 3φ 50/60Hz		
ELB	15A	15A	20A
CONTROL SYSTEM	Hot air circulation system		
OPERATING CONDITIONS	Ambient: +10 to +30° C, 20 to 80%RH		
PERFORMANCE			
Temperature range	(Ambient temp. +30° C) to +300° C		
Fluctuation	±0.6° C(at +150° C), ±0.8° C(at +300° C)		
Variation in space	2.3° C(at +150° C), 4.5° C(at +300° C)		
Temperature rise time	(Ambient temp. +30° C) to +300° C within 60 min.		
CONFIGURATION			
Controller	KATO DPA instrumentation		
Internal material	Stainless steel plate		
External material	Cold-rolled steel plate, Painting finished		
Insulating material	Rock wool, Silicon packing		
DRY HEATER	Stainless steel sheath heater		
Out put	1.5 kW	3.0 kW	4.0 kW
BLOWING / CHUMING	Ventilation and circulation system with Pressure fan		
ACCESSORIES	Adjustable shelf ×2 sets, Air inlet, Exhaust pipe		
SAFETY UNITS	Earth leakage circuit breaker, Blowing motor overload relay, Overheat prevention unit		
OPTIONS	Signal tower, Recorder, Cable hole 30, 50, 100φ, Shelf, Operation holes, Interface RS-232C, Time signal unit, Overheating preventing unit for heater unit, Floor Reinforcement		
INTERNAL CAPACITY (L)	72	150	288
INTERNAL DIMENSIONS : W.H.D.mm	450×400×400	600×500×500	800×600×600
EXTERNAL DIMENSIONS : W.H.D.mm	1000×650×515	1150×750×610	1400×900×800
WEIGHT (kg)	60	100	200

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TRO

(Ambient temp. +20°C) to +200°C

NAME	TRO series		
MODEL	TRO-21DPA	TRO-22DPA	TRO-23DPA
POWER SUPPLY	Highest temperature is +200° C AC 200V ±10% 3φ 50/60Hz		
ELB	15A	15A	15A
CONTROL SYSTEM	Hot air circulation system		
OPERATING CONDITIONS	Ambient: +10 to +30° C, 20 to 80%RH		
PERFORMANCE			
Temperature range	(Ambient temp. +20° C) to +200° C		
Fluctuation	±0.5° C(at +100° C), ±0.7° C(at +200° C)		
Variation in space	1.5° C(at +100° C), 3.0° C(at +200° C)		
Temperature rise time	(Ambient temp. +20° C) to +200° C within 45 min.		
CONFIGURATION			
Controller	KATO DPA instrumentation		
Internal material	Stainless steel plate		
External material	Cold-rolled steel plate, Painting finished		
Insulating material	Rock wool, Silicon packing		
DRY HEATER	Stainless steel sheath heater		
Out put	1.2 kW	2.25 kW	3.0 kW
BLOWING / CHUMING	Ventilation and circulation system with Pressure fan		
ACCESSORIES	Adjustable shelf ×2 sets, Air inlet, Exhaust pipe		
SAFETY UNITS	Earth leakage circuit breaker, Blowing motor overload relay, Overheat prevention unit		
OPTIONS	Signal tower, Recorder, Cable hole 30, 50, 100φ, Shelf, Operation holes, Interface RS-232C, Time signal unit, Overheating preventing unit for heater unit, Floor Reinforcement		
INTERNAL CAPACITY (L)	72	150	288
INTERNAL DIMENSIONS : W.H.D.mm	450×400×400	600×500×500	800×600×600
EXTERNAL DIMENSIONS : W.H.D.mm	1000×650×515	1150×750×610	1400×900×800
WEIGHT (kg)	60	100	200

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