



ALP

Natural convection / Hot air circulating **HOT AIR STERILIZER·OVEN**

Slim vertical... **KMD-100HM~120HL**

Wide horizontal... **KMD-80/80F~120/120F**



KMD-100HM



KMD-120HL



KMD-120,-120F

● Slim / Wide model with Inner volume 240L~648L

KMD-100HM & -120HL : Slim vertical space saving models with large inner capacity. You can reasonably layout your laboratory.

KMD-80,-100 & -120 : wide models easy to use with side panel and with no center pillar in the chamber.
(Optional models with center pillar and to be able to open the right/left door individually are also prepared.)

● Maximum 260°C Natural convection / Hot air circulation

Every KMD models are provided with triple wall structure (air jacket flow between inner~middle wall and heat resistant material wool between middle~outer wall), so uniform temperature distribution accuracy and stability of cold spot is realized.

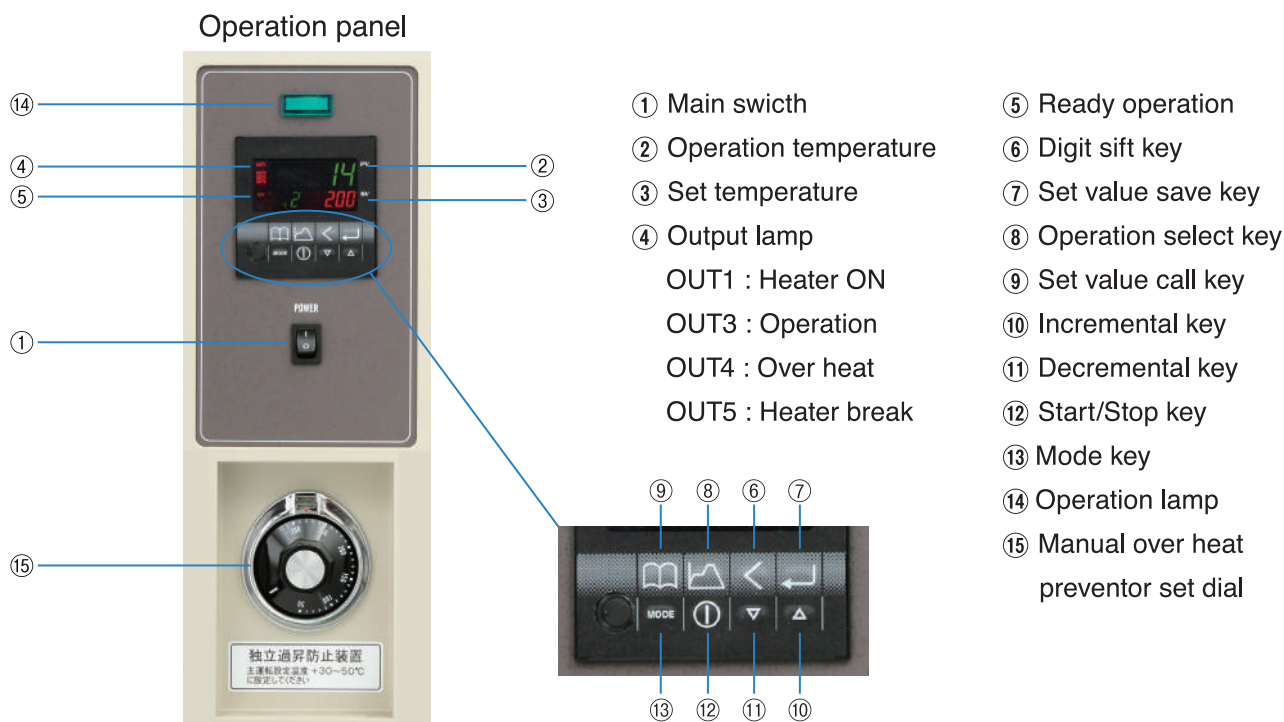
● Normal temperature / time operation & Program operation

Usual constant temperature-time operation, and program operation with maximum 8 steps of temperature-time are available. So, you can use these models for hot air sterilization, material drying or various purposes as material evaluation test.

● Safety

Double over heat preventors which is automatically set at +10°C and manually set by dial at +30°C~+50°C over the operation set temperature, cut off abnormal temperature rise. Buzzer sounds and red lamp goes on. Also, warning of sensor and heater break, upper temperature set limiter, thermal relay (only-F models) or electric slight leakage breaker keep your safe use.

Ability up to 260°C to destroy activity of endotoxin Adaptable for validation (IQ/OQ) in GMP … option



Specifications

Model	KMD-100HM	KMD-120HL	KMD-80	KMD-100	KMD-120	KMD-80F	KMD-100F	KMD-120F
Inner size WxDxHmm	600×500×1000	800×500×1200	800×500×600	1000×600×700	1200×600×900	800×500×600	1000×600×700	1200×600×900
Inner volume	300L	480L	240L	420L	648L	240L	420L	648L
Temp./Time	50°C~260°C / 0~99hrs.59min. Constant temperature-time operation / Program operation							
Air flow	Natural convection					Hot air circulation by motor fan		
Air distribution accuracy	±6°C (at 200°C)		±6°C (at 200°C)			±6°C (at 200°C)		
Safety device	Overheat preventer : auto.set at +10°C over set temp.+ individual temp.safety switch(double), Upper temp.set limiter Heater/sensor break warning, Memory of power failure, Breaker for slight leakage & over current, Thermal relay (-Fmodels)							
Electricity	AC200-240V, single phase.50/60Hz							
Current	12A	16A	12A	14A	18A	13A	15A	19A
Power cord	Naked top (3c) free							
Material	Inner chamber: Stainless steel Outer panel: Steel with baked enamel finish Silicon gasket							
Outer size WxDxHmm	820×720×1560	1040×720×1760	1250×680×1590	1450×780×1690	1650×780×1690	1250×680×1590	1450×780×1690	1650×780×1690
Weight	130kg	160kg	110kg	160kg	230kg	115kg	165kg	235kg
Shelves	4pcs.(30mm pitch adjustable)		2pcs.(30mm pitch adjustable)		3pcs.(〃)	2pcs.(30mm pitch adjustable)		3pcs.(〃)

● Specifications are subject to change without notice for improvement.



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