

Natural/Forced Air Circulating Sterilizer

KMD series

Max. temp. 260°C which enables Bacterial heat sterilization and inactivation of endotoxin
Slim/Wide types with the chamber volume 300L to 600L or more



KMD-100HM



KMD-120HL



KMD-120/-120F

Slim/Wide types are available

KMD-100HM / 120HL are the slim bodies.
KMD-100/120 are the wide bodies. No intermediate pillar in the chamber which enables to load and unload long object smoothly.

Natural convection / Hot air circulating

In addition to the natural convection, KMD-100F / 120F adopted the hot air circulation system to further improve the temperature distribution and has the efficient drying and the exhaust functions.

Constant value / Time control and Program operation

Program function with 1 memory making the set of max. 8 steps of the temperature and the time set enabling use multipurpose such as a program operation, a repeated operation etc.

Safety functions

Double overheat prevention device;
-The control circuit with built-in controller that has an operating margin for the set temp.
-The independent dial-type temperature controller being set the operation setting temp.
The upper limit temperature value setting, the Heater/Sensor disconnection alarm, the motor overload safety device (-F model only) etc.

Corresponds to IQ/OQ in GMP/GLP

We provide IQ/OQ documentations as an option.

MODEL	KMD-100HM	KMD-120HL	KMD-100	KMD-120	KMD-100F	KMD-120F
Inner dim. WxDxH/ Cap.	600x500x1000mm/300L	800x500x1200mm/480L	1000x600x700mm/420L	1200x600x900mm/648L	1000x600x700mm/420L	1200x600x900mm/648L
Outer dim. WxDxH/Weight	830x730x1560mm/180kg	1040x730x1760mm/210kg	1450x780x1670mm/210kg	1650x780x1680mm/260kg	1450x780x1670mm/215kg	1650x780x1680mm/265kg
Temperature range	50°C - 260°C					
Temp. distribution accuracy	±6.0°C(at 200°C)*				±4.0°C(at 200°C)*	
Circulating system	Natural convection				Hot air circulation by motor fan	
Program operation	1 memory, max. 8 steps					
Door	Single door (left side opening door)		Double doors			
Sensor port	φ23mm×1 Top surface					
Safety devices	Overheat prevention device. Independent overheat prevention device, Heater / Sensor disconnection alarm, Thermal relay (-F model only), Leakage breaker					
Power demand	AC220/230/240V					
Current	10/9/9A	15/14/14A	13/12/12A	17/16/16A	14/13/13A	18/17/16A
Shelves (max. load)	4 pcs.(15kg/pc.)	4 pcs.(15kg/pc.)	2 pcs.(25kg/pc.)	3 pcs.(25kg/pc.)	2 pcs.(25kg/pc.)	3 pcs.(25kg/pc.)

•Please specify the voltage when you order. •Specifications subject to change without notice for improvement.
*Measured at center inside chamber & 3 points upper, middle and lower parts, no load.