

Medicine Stability Test Chamber

IMS/IMS-A series



IMS series

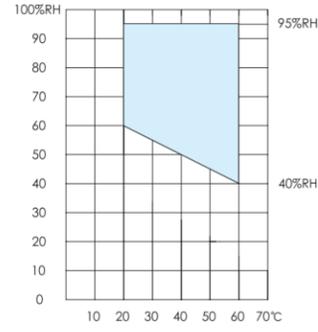


IMS-A series

Provide a long-term stable temperature, humidity and light environment required for medical failure evaluation, and is suitable for pharmaceutical companies to conduct accelerated tests, long-term tests and high-humidity tests on medicines.

Features :

- Outer box material: cold-rolled steel plate surface spray plastic; internal material: SUS304 stainless steel plate.
- The inner box is equipped with fans to form micro-air circulation, and the temperature inside the box is highly uniform.
- Intelligent PID temperature and humidity controller, accurate temperature control; parameter The inner box adopts arc structure design for easy cleaning.
- Equipped with casters for easy movement.
- SECOP refrigeration compressor, high efficiency, low consumption; fluorine-free environmentally friendly refrigerant.
- Automatically turn off the power supply of the humidifier when there is no humidifying water.
- IMS come standard with a micro thermal printer.
- IMS-A is equipped with temperature and humidity controller: temperature and humidity real-time curve display; 600-day historical data can be checked.
- IMS-A comes standard with ø35mm detection hole.



Humidity zone map

Technical parameter

Model	IMS				IMS-A		
	IMS-250	IMS-300	IMS-400	IMS-500	IMS-A-120	IMS-A-250	IMS-A-500
Temperature range	0~65℃				-20~65℃		
Humidity range	40%~95%RH				40%~95RH		
Temperature uniformity	±2℃				±2℃		
Temperature fluctuation	±0.5℃				±0.5℃		
Humidity fluctuation	±3%RH				±3%RH		
Temperature and humidity resolution	0.1℃,0.1%RH				0.1℃,0.1%RH		
Temperature and humidity control precision	±0.1℃ , ±0.1%RH				±0.1℃ , ±0.1%RH		
Humidification mode	Built-in electric heating humidification water tank						
Illuminance	Single-sided illumination 6000LX				Single-sided illumination 4500LX		
Illuminance adjustmen	5 levels adjustable				4 levels adjustable		
In-box circulation method	Breeze stirring method						
Alarm type	Over-temperature, under-temperature alarm; Temperature probe damage alarm; Humidity probe damage alarm						
Temperature and humidity controller	LCD screen, P.I.D controller				Touch screen display, P.I.D controller		
Internal size W×D×H (cm)	47×44.9×117.8	49×46.4×127.8	56×60×119.8	66×65×119.8	70×84.2×158.5	80×99.2×168.5	100×107.2×179.5
Internal volume(L)	248	290	402	514	173	288	516
External size W×D×H (cm)	67.2×89.2×182.5	69.1×90.7×192.5	76.4×103.2×186	86.4×108.2×186	70×84.2×158.5	80×99.2×168.5	100×107.2×179.5
Shelf	2	2	2	2	2	2	2
Power (W)	2400	2900	3400	3900	2100	2600	3500
Power source	1Ø 220V 50Hz						
Remarks	IMS type external width (W) includes 4cm accessories, depth (D) includes 13cm accessories, height (H) includes 6.5/8cm accessories. IMS-A type external width (W) includes 4cm accessories, depth (D) includes 7cm accessories, height (H) includes 10.5cm accessories						

Efficient Medicine Stability Test Chamber

IEMS-Y series



IEMS-Y series

Provide a long-term stable temperature, humidity and light environment required for medical failure evaluation, and is suitable for pharmaceutical companies to conduct accelerated tests, long-term tests and high-humidity tests on medicines.

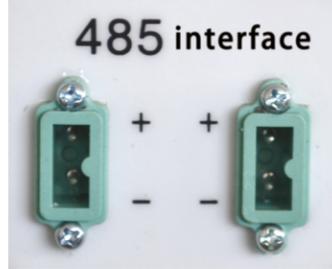
Features:

- P.I.D. temperature controller, precise temperature control; parameter memory function, automatic recovery after power-on.
- SECOP refrigeration compressor, high efficiency, low consumption; fluorine-free environmentally friendly refrigerant.
- The inner box is equipped with a fan to form micro-air circulation, and the temperature inside the box is highly uniform.
- Built-in water tank and automatic water replenishment interface.
- Automatically turn off the power supply of the humidifier when there is no humidifying water.
- Outer box material: cold-rolled steel plate with plastic spray on the surface; inner material: SUS304 stainless steel plate.
- The inner box adopts arc structure design for easy cleaning.
- Pull-out movable shelves with adjustable spacing.
- Equipped with casters for easy movement.
- Standard $\varnothing 35\text{mm}$ inspection hole.

Technical parameter

Model	IEMS-Y-180	IEMS-Y-290	IEMS-Y-520
Temperature range	With light: 10°C~65°C, without light: 0°C~65°C		
Humidity range	40%RH~95%RH		
Temperature uniformity	±1°C		
Temperature fluctuation	±0.5°C		
Humidity fluctuation	±3%RH		
Temperature and humidity resolution	0.1°C, 1%RH		
Temperature and humidity control precision	±0.1°C, ±1%RH		
Humidification mode	Built-in electric heating humidification water tank		
Illuminance	Single side lighting 6000LX, LED light source		
Illuminance adjustmen	5 levels adjustable		
In-box circulation method	Breeze stirring method		
Alarm type	Over-temperature, under-temperature alarm; Temperature probe damage alarm; Humidity probe damage alarm		
Temperature and humidity controller	LCD screen, P.I.D temperature controller, 24-segment program		
Internal size W×D×H (cm)	55×45×70	60×60×80	80×71×91
Internal volume(L)	173	288	516
External size WxDxH (cm)	70×84×159	80×99×169	100×107×180
Net/gross weight (kg)	165/209	203/256	237/297
Shelf	3	3	3
Power (W)	2000	2000	2000
Power source	1Ø 220V 50Hz		

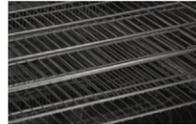
IMS

Model	Accessories	Description
IMTS		<p>Temperature SMS APP module</p> <p>Over-temperature alarm, four-in-one safety guarantee, one security can share one module for two incubators.</p>
IMTH		<p>Temperature and humidity SMS APP module</p> <p>Over-temperature alarm, four-in-one safety guarantee. One incubator uses one module.</p>
IMTP		<p>Temperature paperless recorder</p> <p>Two incubators can share one module.</p>
IMP		<p>Partition</p> <p>Ship according to preset type.</p>
IMRS		<p>RS485 communication interface</p> <p>The data output for all types of temperature controllers comes with supporting communication software.</p>
IMNP	Miniature needle printer	

IMS-A

Model	Accessories	Description
IMTS		<p>Temperature SMS APP module</p> <p>Over-temperature alarm, four-in-one safety guarantee, one security can share one module for two incubators.</p>
IMTH		<p>Temperature and humidity SMS APP module</p> <p>Over-temperature alarm, four-in-one safety guarantee. One incubator uses one module.</p>
IMTP		<p>Temperature paperless recorder</p> <p>Two incubators can share one module.</p>
IMP		<p>Partition</p> <p>Ship according to preset type.</p>
IMNP	Miniature thermal printer or miniature needle printer	

IMS-Y

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