



Walk-In-Humidity Chamber



Technical Specification

Temperature Range: 20°C to 60 °C

Humidity Range: 40%RH to 95%RH

Accuracy: ± 0.2 °C / ± 2.0 % RH

Uniformity: ± 1.0 °C / ± 3.0 % RH

Test suitable for: 25°C & 60%RH, 30°C & 65%RH,
40°C & 75%RH, 30°C & 75%RH

Specially designed chambers for Low Humidity conditions such as 25°C & 40%RH, 40°C & 25%RH, 30°C & 35%RH.

Features

Construction

Chamber interior is fabricated of stainless steel with dull finish & exterior is of stainless steel / G.I. Powder coated. The inner working chamber is water & vapour tight high-grade stainless steel. All seams are arc-welded & passivated for strength & durability. Modular type prefabricated metal sectional panels are lightweight for easy handling and also fit through standard doorways, easily transported and assembled /disassembled for relocating the room.

Full View Glass Door

Full door is of toughened glass with polysulphide to view the samples without disturbing the test conditions & human safety.

Trays & Racks

Heavy duty solid stainless steel duly electro polished wiremesh type trays are provided which are easy to clean, time & effort saving, adjustable for convenience, along with detachable racks with adjustable angles.

Scanner

For Validation purpose Temp / Humidity multipoint Scanner can be provided with printer & PC interface facility.

21 CFR PART-11 Compliance

Log data, Event data, Audit Trail data, E-Records & E-signatures, Graphical analysis & Data acquisition.

Stand by Refrigeration & Humidity System

Two steam generators and two water reserve tanks are provided. In case of any system failure or breakdown the stand by system is switched over automatically without disturbing the test condition.

Optional Features

GSM TECHNOLOGY

HOOTER SYSTEM

EXTRA TRAY



Stand by Refrigeration system



Rack



Control System





■ Walk-In-Humidity Chamber

Sizes:

Models	MK*-WH600	MK*-WH800	MK*-WH1000	MK*-WH1200	MK*-WH1600	MK*-WH1800
Features	6000 Ltrs	8000 Ltrs	10000 Ltrs	12000 Ltrs	16000 Ltrs	18000 Ltrs

Interior Dimension

Width in mm	2000	2000	2000	2000	2000	3000
Depth in mm	1500	2000	2500	3000	4000	3000
Height in mm	2000	2000	2000	2000	2000	2000

Exterior Dimension

Width in mm	2160	2160	2160	2160	2160	3160
Depth in mm	2010	2510	3010	3510	4510	3510
Height in mm	2190	2190	2190	2190	2190	2190

Racks and Trays

No of Racks	4	4	6	6	8	11
No of Trays	20	20	30	30	40	55
Tray Size in mm	600 X 600 X 30	900 X 600 X 30	700 X 600 X 30	900 X 600 X 30	900 X 600 X 30	650 X 600 X 30
Type	Wiremesh Type					

Power Supply

Power Supply	Three Phase, 440V 50Hz					
Power Rating	7KW	8KW	8KW	8KW	9KW	15KW
Warranty	12 Months					

Other sizes are also available as on requirement.

Models	Material of Construction	
	Interior	Exterior
MK1	S.S.304 Dull Finish	G.I. Powder Coated
MK2	S.S.304 Dull Finish	S.S.304 Dull Finish
MK3	S.S.316 Dull Finish	S.S.304 Dull Finish

NOTE:

MK* :- MK1 / MK2 / MK3

WALK-IN BOD INCUBATOR & WALK-IN COLD CHAMBER are also available on requirement.