



Unique Mixers & Furnaces Pvt. Ltd.

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Basic Technical Specifications For Tray Type Vacuum Drying

Type of Oven	Tray Type Vacuum Drying Oven
Size of Oven Chamber	2170 mm height x 2160 mm width x 2250 mm depth
Oven Doors	2 doors located on opposite sides, bearing supported, hinged type. The doors are locked to the oven casing using swing type eye bolts. Inspection windows are provided on the door.
Oven Casing Test Pressure	Pneumatic Pressure: 1 kg/cm ² (g) Vacuum: 50 Torr
Material of Construction for Oven Casing, Heating Shelves (Options)	Product Contact, Non Contact Parts : <ul style="list-style-type: none">▪ Carbon Steel Confirming to ASTM A 36 / IS 2062▪ ASTM SA 240 Gr. 304/ Gr. 316
Jacket for Heat Transfer	<ul style="list-style-type: none">▪ Made from Carbon Steel Confirming to ASTM A 36 / IS 2062; ASTM SA 240 , Gr. 304.▪ Hydraulic Test Pressure: 7 kg/cm² (g)
Number of Heating Shelves	18
Size of Heating Shelves	1880 mm x 2030 mm x 28 mm thickness
Heating Media	Hot Water / Steam
Heating Media Connections	Through fixed / flexible pipes
Heating Shelves Hydraulic Test Pressure	7 kg/cm ² (g)
Surface Finish	<ul style="list-style-type: none">▪ Internal Stainless Steel Surfaces are polished to 120 grit▪ External Stainless Steel Surfaces are matt polished / glass bead blasted▪ Mild Steel Surfaces: Painted with Heat Resistant Aluminum paint.
Nozzles	<ul style="list-style-type: none">▪ Vacuum Connection▪ Heating Media Inlet, Outlet▪ Drain, Vent
Options	GMP Equipment, Lab Equipment, Insulation.

Note: Specifications are for reference only and are subject to change without prior notice.