

Desiccator / Humidity Cabinet



The Desiccator Cabinet can achieve temperature stability within an hour of setting.

Our recommendations for chemicals to give different RH values are conveniently printed on the cabinet next to the control panel.

These recommendations are only correct at 20°C. Changes in humidity will differ from as little as 0.02% to as much as 0.8% per °C above 20°C.

An excess of solids must always remain in the dissolved solution, i.e. a saturated solution must be maintained.

If wet objects are placed in the cabinet, surplus moisture is absorbed into the solution and more solids dissolve until constant humidity conditions are restored.

Vice versa, dry objects cause more solids to be precipitated and, again, constant humidity is restored.

Townson & Mercer will also supply special Desiccator/Humidity Cabinets to accommodate your specific sample requirements.

Customised unit specifications are available on request.

A range of Humidity Chambers are available to cover humidity testing requirements which fall outside the range of the Desiccator / Humidity Cabinet.

SPECIFICATIONS - STANDARD MODEL			
CABINET SIZE	H	W	D
External (overall)	570 x 410 x 300 mm		
Internal	430 x 325 x 185 mm		
CONSTRUCTION			
Cabinet	Stainless Steel		
Door and shelves	Plate Glass		
Fittings	Plated/Painted Steel		
FINISH			
Interior	Stainless Steel		
Exterior	Powder coated		
SUPPLY			
Voltage	220/240 volts 50/60 Hz		
Power	200 watts		
WEIGHT			
Packed	22 kg		
Nett	17 kg		
PACKED DIMENSIONS			
	H	W	D
	820 x 550 x 430 mm		

*Dimensions in mm's.

*All figures are approximate and exclude protrusions.

ORDERING DETAILS	
Model	Desiccator/ Humidity Cabinet Mark III
Catalogue No.	048000648
ACCESSORIES	
Thermometer -10°C to +50°C	02601270
Thermometer support blocks (pair)	04800730