

Desiccators

Desiccator / humidity cabinet

- Easy setting with a temperature indicated scale.
- Rapid air circulation over the desiccant tray and shelves giving swift stabilisation of humidity and temperature.
- Stainless steel desiccant tray.
- Controlled temperature distribution over each shelf.
- RH stability between 0 and 100% can be obtained using appropriate substances at ambient temperatures.
- Spring loaded door mechanism maintaining cabinets seal and internal atmosphere.
- Solid state electronic control and switching, gives greater stability and prolongs life of control circuit.
- Indication of moisture change from direct reading hygrometer.
- Accurate and controllable up to 50 °C $\pm$ 1 °C fluctuation.
- All units are CE marked and manufactured to the highest standards under ISO 9001.

The Mark III Desiccator Cabinet is a direct development from its popular predecessor. Following consultation with users, Townson and Mercer have developed a desiccator/humidity cabinet with a new level of operating excellence.

Applications include the dry storage of specimens, testing specimens under constant humidity, environmental testing of electrical assemblies, metallic products, natural and synthetic materials.



DE/75012

Technical specifications

Cabinet size (h x w x d mm)	
external	570 x 410 x 300
Internal	430 x 325 x 185
Cabinet:	Stainless Steel
Door and shelves:	Plate Glass
Fittings:	Plated/Painted Steel
Interior finish:	Stainless Steel
Exterior finish:	Powder coated
Voltage:	220/240 volts 50/60 Hz
Power:	200 watts
Net weight	17kg
(All figures are approximate and exclude protrusions.)	

The desiccator cabinet can achieve temperature stability within an hour of setting.

Recommended chemicals, to give different RH values at 20°C, are printed on the cabinet. Changes in humidity will differ from as little as 0.02% to as much as 0.8% per °C above 20 °C.

Special desiccator/humidity cabinets, to accommodate your specific sample requirements, are available. Please ask for details.

A range of humidity chambers, to cover humidity testing requirements which fall outside the range of the desiccator/humidity cabinet, are available. Please ask for details.

Cat. No.	Code	Description
DE/75012	04800648	Desiccator/Humidity Cabinet Mark III
DE/75014	02601270	Thermometer -10 °C to +50 °C
DE/75016	04800730	Thermometer support blocks (pair)

Desiccators, borosilicate glass with handle lid

With ground glass flange and zinc disc

Cat. No.	Size top I.D., mm
DE/62002	100
DE/62004	150
DE/62006	200
DE/62008	250
Accessory	
S0915/R4	Silica gel self indicating 1-3mm, 500g



DE/62004