



## Histology & Pathology Products

### Equipment for preparing samples

This range consists of three products. Electrothermal's Paraffin Wax Dispenser heats wax to a liquid state and provides convenient 'wax on tap' for pathology and histology laboratories. The Paraffin Section Mounting Bath is designed to assist with the handling of paraffin wax samples in histology and pathology laboratories. It is essentially a hot distilled water floating out bath that allows for the manipulation of paraffin wax sections onto glass slides. The Slide Drying Bench aids in the preparation of microscope slides at the specimen mounting stage.

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**Find out more!** Please scan the QR/Mobile Tag with your smartphone for more information





# MH8523B

## Paraffin Wax Dispenser

Electrothermal's Paraffin Wax Dispenser heats wax to a liquid state and provides convenient 'wax on tap' for pathology and histology laboratories. It complements both the Paraffin Wax Mounting Bath and the Slide Drying Bench to provide a complete set of paraffin wax sampling equipment for the modern laboratory. The Paraffin Wax Dispenser has a 4.5 litre capacity to ensure an ample supply of wax on tap. It is intended to be used solely for paraffin wax with a melting range from 45°C to 65°C inclusive.

An excellent feature is that the wax dispenser tap is kept heated to ensure that the wax always remains flowing and on tap. The dispenser tap is heated by an independent temperature-controlled element mounted inside it, which prevents the wax from cooling down, solidifying and blocking the tap. The tap is a non-drip swivel lever and has a replaceable filter. There is a mains power On/Off switch, with 4 additional neon lights to indicate:

- "Power On" (white neon)
- "Wax Bath Heater On" (amber neon)
- "Tap Heater On" (amber neon)
- "Wax Bath Over Temperature" (red warning neon)

The bath heater rotary control dial has a graded temperature scale, and the temperature of the paraffin wax dispenser is controlled by a built-in thermostat controlling the temperature from ambient to 75°C. The tap has its own tap heater adjustment control.

If an over temperature condition occurs, a "Wax Bath Over Temperature" red neon light will illuminate and the heater control for the bath will automatically turn off at 105°C. For added safety, a non-resettable thermal fuse has also been included. The Paraffin Wax Dispenser has a black PTFE coated aluminium interior, a powder coated black and white aluminium exterior and a durable black metal lid. It is virtually maintenance free and extremely easy to clean.

### Technical Information

Material	Powder coated aluminium case
Temperature	Ambient +5°C to 75°C (10 - 80°C scale)
Weight	4.5kg
Dimensions (h x d), mm	3000 x 280 100mm overhang for the tap assembly.

### Ordering Information

Model	Capacity	Electrical Requirements
MH8523B	4.5 litres	230V 50/60Hz, 185W
MH8523BX1	4.5 litres	115V 50/60Hz, 175W
MH8523BX6	4.5 litres	230V 50/60Hz, 185W, EU Plug

### Key Features

- 4.5 litre capacity
- Ambient to 75°C operating temperature range
- Fitted with safety over-temperature cut-out at 105°C and non-resettable thermal fuse
- Heated tap to prevent wax from solidifying in the tap
- Swivel lever non-drip tap with replaceable fitter

MH8523B



Key Features

- PTFE black interior and powder coated white aluminium exterior is virtually maintenance free and extremely easy to clean
- Excess or damaged sections may be simply removed by skimming a filter paper over the water surface
- 70°C nominal temperature for 2 litres of water attained within 120 minutes

MH8516



MH8516

Paraffin Section Mounting Bath

The MH8516 Paraffin Section Mounting Bath is designed to assist with the handling of paraffin wax samples in histology and pathology laboratories. It is essentially a hot distilled water floating out bath that allows for the meticulous manipulation and location of paraffin wax sections onto glass slides. In the event of having any damaged sections or an excess of wax, both may be easily removed by skimming a filter paper across the water surface.

A white neon light indicates “Power On”, and an amber neon light indicates “Heater On”. The required temperature is selected using the heater dial and a nominal temperature of 70°C is typically achieved with 2 litres of water within 120 minutes.

Accurate water temperature is then maintained through an energy regulator which supplies power to a silicone rubber mat heater in controlled timed pulses. Overheating of the bath is prevented by a thermal fuse within the heater mat which automatically cuts out at too high a temperature.

The Paraffin Section Mounting Bath has a PTFE black interior and powder coated white aluminium exterior, which makes it virtually maintenance free and extremely easy to clean. It comes supplied with an IEC moulded cord and lead set and the IEC socket houses protection fuses for both the live and neutral power supply lines.

If required, the lid is supplied separately as part number AZ9241.

Technical Information

Bath material	Aluminium base with PTFE coated interior
Temperature	Ambient + 5°C to 75°C using arbitrary 1- 10 scale
Dimensions (d x w x h), mm	330 x 330 x 140
Weight, kg	2.7

Ordering Information

Model	Capacity	Electrical Requirements
MH8516	2.25 litres	230V 50/60Hz, 240W
MH8516X1	2.25 litres	115V 50/60Hz, 240W
MH8516X6	2.25 litres	230V 50/60Hz, 240W, EU Plug
AZ9241	Paraffin Section Mounting Bath Lid	

# MH6616

## Slide Drying Bench

The Slide Drying Bench aids in the preparation of microscope slides at the specimen mounting stage. It complements both the Paraffin Wax Dispenser and the Paraffin Wax Mounting Bath to provide a complete set of paraffin wax sampling equipment for the modern laboratory.

Accepting up to 50 slides (76 x 25mm), the Slide Drying Bench has the facility for drying slides in different orientations- across the drying support bars, angled from the bars, or flat without the bars.

There is an On/Off switch, and "Power On" white neon and "Heater On" amber neon indicators.

The silicone rubber mat element heater provides heating up to 100°C, and the temperature is controlled from 10°C to 100°C by a built-in energy regulator.

The case and top are powder-coated aluminium and the unit comes complete with handy carrying handles.

### Technical Information

Material	Powder coated aluminium base and top
Max Element Temp.	100°C
Dimensions (d x w x h), mm	180 x 390 x 95
Weight, kg	1.8

### Key Features

- Up to 50 slides capacity
- Different drying orientations
- Operates up to 100°C max
- Replacement elements are easily fitted



MH6616

### Ordering Information

Model	Capacity	Electrical Requirement
MH6616	50 slides	230V 50/60Hz, 150W
MH6616X1	50 slides	115V 50/60Hz, 150W
MH6616X6	50 slides	230V 50/60Hz, 150W, EU Plug