

thermo scientific



Small details, big impact

Thermo Scientific Benchtop Appliances

**ThermoFisher**  
SCIENTIFIC

# Thermo Scientific Wax Dispensers



## Designed to meet the needs of high-workflow laboratories

Thermo Scientific™ Wax Dispensers provide on-demand delivery of molten wax. The dispensers are offered in two capacities: a 7.5 L unit and a 15 L, dual-well unit

Digital temperature control to provide accurate temperature control of the molten wax. An ultra-fast heating system ensures rapid melting of pelletized wax, with melted wax readily available thirty minutes after the wax dispenser is filled.

The inner tank is manufactured from aluminum for good thermal conductivity and improved temperature control. It has a filter screen fitted to prevent coarse particles from blocking the delivery tap. The tank is also fully insulated to prevent heat loss from the tank and to ensure that the outer surfaces of the tank are safe to touch.

Avoid delays in processing of patient samples with a readily-available supply of molten paraffin

## Features

- Space saving form factors
- Ultra fast heating system minimizes the wait for molten wax
- 7.5 or 15 L capacity (6 kg or 12 kg of pelletized wax)
- Digital temperature control – high-capacity model features individual controls for each of the dual reservoirs
- Aluminum inner tank provides good thermal conductivity and improved temp control.
- Insulated paraffin tank prevents heat loss from the tank and ensures that outer surfaces of the tank are safe to touch
- Non-drip, three-position lever tap – push dispense, lock open for rapid delivery or locked closed for safety
- Dedicated tap-heating system prevents blockages and ensures even flow of wax
- High tap position (153 mm from the bench) accommodates large containers for transferring molten wax
- Integral tap filter screen (0.5 mm mesh) prevents coarse particles from blocking the delivery tap.
- Anti-microbial coating (Ag+) to inhibit growth of bacteria.



With fast delivery of molten wax, these dispensers are perfect complements to the Thermo Scientific™ HistoStar™ Embedding Center

### Product

#### Thermo Scientific Slimline Wax Dispenser

Country of origin: United Kingdom

Capacity: 7.5 L

Dimensions: 420.5 x 181 x 435.5 mm (D x W x H)

Temperature Range: Ambient – 70 °C (±1 °C) at 25 °C

Power Supply: 110V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 480 Watts

Weight: 7 Kg (15.4 lbs)

Power Cable: USA, UK / EU (Schuko) or China mains

Materials: Retort – Stainless Steel

Body – Steel (BS5252 18-B-17 Epoxy Polyester EJ312E Blue Mink Fine Texture Antimicrobial Powder coat)

### Product

#### Thermo Scientific High-Capacity Wax Dispenser

Country of origin: United Kingdom

Capacity: 15L (2 x 7.5 L)

Dimensions: 420.5 x 362 x 435.5 mm (D x W x H)

Temperature Range: Ambient – 70 °C (±1 °C) at 25 °C

Power Supply: 110V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 900 Watts

Weight: 14 Kg (30.9 lbs)

Power Cable: USA, UK / EU (Schuko) or China mains

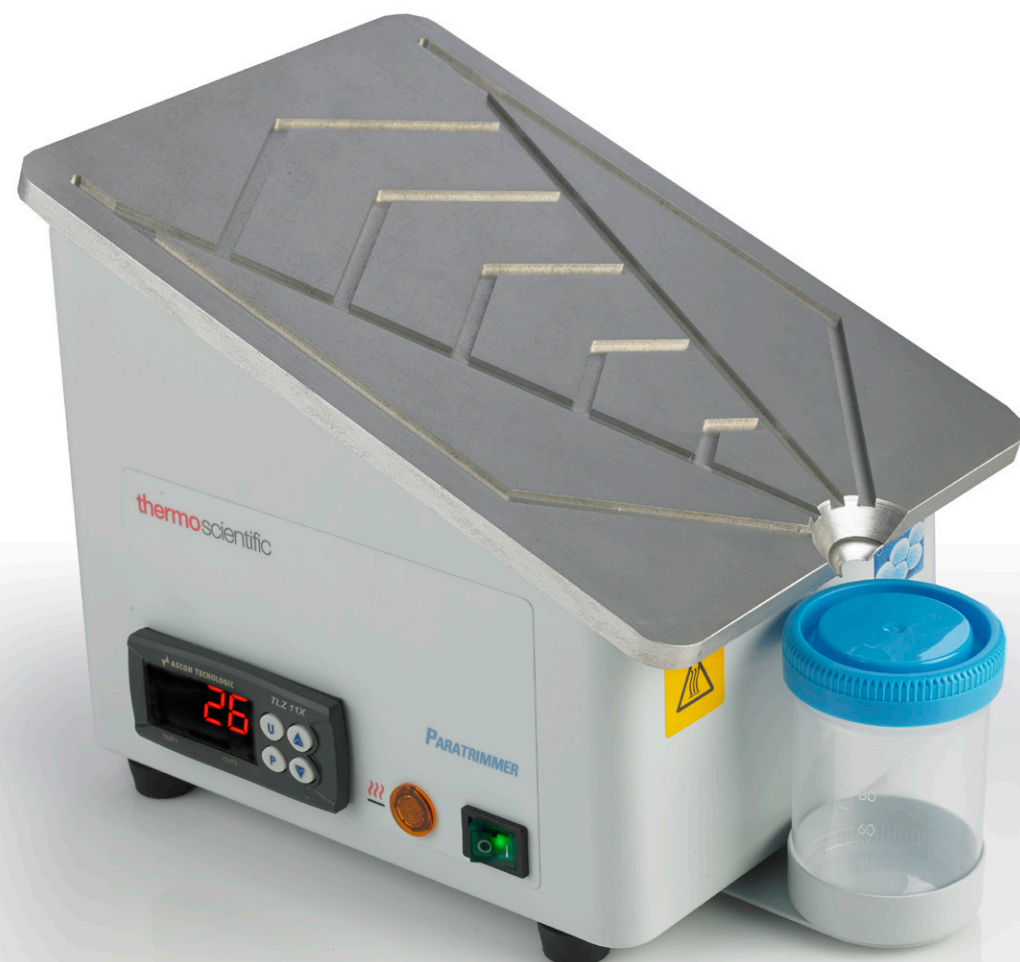
Materials: Retort – Stainless Steel

Body – Steel (BS5252 18-B-17 Epoxy Polyester EJ312E Blue Mink Fine Texture Antimicrobial Powder coat)



# Thermo Scientific Paratrimmer

The Thermo Scientific™ Paratrimmer™ Paraffin Block Trimmer enables users to efficiently remove excess wax from the outside of cassettes with no risk of damage to printed text or barcodes and with improved safety for staff.



## Features

- Ultra-fast heating system with variable temperature control and memory function that retains desired start up temperature
- Neutral slope to satisfy both left- and right-handed users
- Built-in waste wax collection system
- Memory function for desired temperature at start-up
- Large heated work surface allows users to de-wax multiple blocks at once
- Miniature circuit breakers for safety
- Small footprint
- Anti-microbial paint finish (silver ion) to inhibit growth of bacteria

## Specifications

### Product

#### Thermo Scientific Paratrimmer

Country of origin: United Kingdom

Dimensions: 202 x 152 X 183.5 mm (D x W X H)

Temperature Range: Ambient – 85 °C ( $\pm 1$  °C) at 25 °C

Power Supply: 110 V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 250 Watts

Weight: 3.0 Kg (5 lbs)

Power Cable: USA, UK / EU (Schuko) or China mains

#### Materials:

Hot Plate: Aluminium (Silver Anodised)

Body: Steel (BS5252 18-B-17 Epoxy Polyester EJ312E Blue Mink  
Fine Texture Antimicrobial Powdercoat)

# Thermo Scientific Digital Tissue Section Bath

The Thermo Scientific Digital Tissue Section Bath has been designed with accuracy, reliability and ease of use in mind.

It features innovative digital controls that maintain water temperatures, allowing tissue sections to be efficiently flattened prior to being lifted onto a microscope slide. It has an extra deep bowl, allowing slides to be fully dipped at any angle, without hitting the bottom.



## Features

- Deep bowl for easier section pick up
- Wide bowl accommodates longer section ribbons
- Ultra-fast heating system
- Significant slide drying area at the rear of the instrument
- Large area to rest hands when floating sections
- A secure-fitting lid reduces airborne contamination, evaporation and improves heating efficiency
- Miniature circuit breakers for ease of use, simply push to reset
- Automatic over-temperature cut-out for safety
- Anti-microbial paint finish (silver ion) to inhibit bacterial growth

## Specifications

### Product

#### Thermo Scientific Tissue Section Bath

Country of origin: United Kingdom

Bowl Capacity: 3.5L

Dimensions: 370 x 295 x 135 mm (D x W x H)

Temperature Range:  
Ambient – 30 - 70 °C ( $\pm 1$  °C) at 45 °C

Power Supply: 110V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 400 Watts

Weight: 4.5 Kg (10 lbs)

Power Cable: USA, UK / EU (Schuko) or China mains

#### Materials:

Bowl: Aluminum (Matte Black Powder Coat  
Interpon 100 AN 200E Epoxy Smooth matte)  
Body: Steel (BS5252 18-B-17 Epoxy Polyester  
EJ312E Blue Mink Fine Texture Antimicrobial  
Powdercoat)



Featuring quick-heating, easily regulated temperature controls, our Digital Water Bath partners well with the entire line of Thermo Scientific microtomes





# Thermo Scientific Hotplates

Optimize your laboratory's slide mounting workflow with Thermo Scientific hotplates. Designed for quick drying of slides and easy repositioning of paraffin samples, each features an ultra-fast heating system and small form factor.

## Thermo Scientific Mini Hotplate

- Compact footprint
- Back-lit on/off button on front of the instrument
- Matte black hotplate surface for improved section visibility
- Fixed heat setting of 75°C
- Ultra-fast heating system
- Non-slip feet
- Anti-microbial coating





## Thermo Scientific Slimline Hotplate

- Designed to facilitate better adherence of tissue sections to slides
- Space-saving form factor
- Matte black heating surface coating for optimal visual contrast for paraffin tissue sections
- Ultra-fast heating system with variable temperature control and memory function that retains desired start up temperature
- Optional stainless steel lid for improved heating efficiency
- Moveable slide support rails – for different slide sizes
- Bright LED display for temperature control
- Miniature circuit breakers for safety
- Anti-microbial coating



Slimline Hotplate shown with optional lid



## Specifications

### Product

#### Thermo Scientific Slimline Hotplate

Country of origin: United Kingdom

Dimensions: 450 x 183 x 85.5 mm (D x W x H)

Temperature Range:  
Ambient – 95 °C ( $\pm 1$  °C) at 20 °C

Power Supply:  
110 V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 400 Watts

Weight: 2.2 Kg (4.4 lbs)

Power Cable:  
USA, UK / EU (Schuko) or China mains

Materials:  
Hot Plate: Aluminum (Matte black powder coat  
Interpon 100 AN 200E epoxy smooth matte)  
Body: Steel (BS5252 18-B-17 Epoxy Polyester  
EJ312E Blue Mink Fine Texture Antimicrobial  
Powdercoat)

### Product

#### Thermo Scientific Mini Hotplate

Country of origin: United Kingdom

Dimensions:  
145 x 145 x 65 mm (D x W x H)

Temperature Range: Ambient – 75 °C

Power Supply:  
110 V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 33 Watts

Weight: 0.74 Kg (1.6 lbs)

Power Cable:  
USA, UK / EU (Schuko) or China mains

Materials:  
Hot Plate: Aluminum (Matte black powder coat  
Interpon 100 AN 200E epoxy smooth matte) Body:  
Steel (BS5252 18-B-17 Epoxy Polyester EJ312E Blue  
Mink Fine Texture Antimicrobial Powder coat)

# Thermo Scientific High-Capacity Section Dryer

Our section dryers offer rapid, efficient drying of sections without overheating the specimen. They draw air through the bottom of the unit and circulate it at a digitally controlled temperature.

Designed for high-throughput, the Thermo Scientific High-Capacity Section Dryer has a 390 slide capacity – 13 racks of 30 slides including the rack hanger and handle.



## Features

- Ultra-fast heating system for rapid warm up.
- Digital temperature control accurate to  $\pm 1^{\circ}\text{C}$  at  $45^{\circ}\text{C}$ .
- Fan assisted heating – sections dry in approximately 10 minutes.
- Controls are located on top of instruments to protect from moisture.
- Clear doors allows viewing of the chamber's contents.
- Innovative resistance hinges - allow the door to be positioned at any angle
- Anti-microbial powder coat finish (Ag+, silver ion release).
- Circuit breakers for safety.





Section dryer shown with optional timers

## Product

### Thermo Scientific High-Capacity Section Dryer

Country of origin: United Kingdom

Dimensions:

320 x 469 x 346 mm (D x W x H)

Temperature Range: Ambient – 75 °C ( $\pm 1$  °C) at 45 °C

Power Supply: 110 V ac 50/60 Hz or 230 V ac 50/60 Hz

Rating: 1,000 Watts

Weight: 15.4 Kg (33.8 lbs)

Power Cable: USA, UK / EU (Schuko) or China mains

Materials:

Door: Acrylic (smoked)

Body: Steel (BS5252 18-B-17 Epoxy Polyester

EJ312E Blue Mink Fine Texture Antimicrobial Powder coat)

Internal cavity: Stainless steel



Our section dryers provide excellent tissue adhesion, perfect for preparing slides for Thermo Scientific™ Gemini™ Autostainers.

# Ordering Information

| Product  | Cat. No.         |
|--|------------------|
| <b>Thermo Scientific Slimline Wax Dispenser</b>                  |                  |
| Thermo Scientific Slimline Wax Dispenser 230V                    | <b>A84600001</b> |
| Thermo Scientific Slimline Wax Dispenser 110V                    | <b>A84600002</b> |
| Thermo Scientific Slimline Wax Dispenser 230V (China Mains Lead) | <b>A84600003</b> |

| Product   | Cat. No.         |
|---|------------------|
| <b>Thermo Scientific High-Capacity Wax Dispenser</b>                  |                  |
| Thermo Scientific High-Capacity Wax Dispenser 230V                    | <b>A84600010</b> |
| Thermo Scientific High-Capacity Wax Dispenser 110V                    | <b>A84600011</b> |
| Thermo Scientific High-Capacity Wax Dispenser 230V (China Mains Lead) | <b>A84600012</b> |

| Product  | Cat. No.         |
|--|------------------|
| <b>Thermo Scientific Slimline Hotplate</b>             |                  |
| Thermo Scientific Slimline Hotplate 230V               | <b>A84600030</b> |
| Thermo Scientific Slimline Hotplate 110V               | <b>A84600031</b> |
| Thermo Scientific Slimline Hotplate (China Mains Lead) | <b>A84600032</b> |
| <b>Thermo Scientific Slimline Hotplate</b>             |                  |
| Slimline Hotplate Lid                                  | <b>A84610081</b> |

| Product  | Cat. No.         |
|--|------------------|
| <b>Thermo Scientific Mini Hotplate</b>             |                  |
| Thermo Scientific Mini Hotplate 230V               | <b>A84600020</b> |
| Thermo Scientific Mini Hotplate 110V               | <b>A84600021</b> |
| Thermo Scientific Mini Hotplate (China Mains Lead) | <b>A84600022</b> |

| Product  | Cat. No.         |
|--|------------------|
| <b>Thermo Scientific High-Capacity Section Dryer</b>                   |                  |
| Thermo Scientific<br>High-Capacity Section Dryer 230V                  | <b>A84600050</b> |
| Thermo Scientific<br>High-Capacity Section Dryer 110V                  | <b>A84600051</b> |
| Thermo Scientific<br>High-Capacity Section Dryer<br>(China Mains Lead) | <b>A84600052</b> |
| <b>Thermo Scientific High-Capacity Section Dryer Accessories</b>       |                  |
| High-Capacity Section Dryer<br>Four-Rack Timer Unit B                  | <b>A84610121</b> |
| High-Capacity Section Dryer<br>Four-Rack Timer Unit C                  | <b>A84610122</b> |

| Product   | Cat. No.         |
|---|------------------|
| <b>Thermo Scientific Paratrimmer</b>                |                  |
| Thermo Scientific Paratrimmer 230V                  | <b>A84600080</b> |
| Thermo Scientific Paratrimmer 110V                  | <b>A84600081</b> |
| Thermo Scientific Paratrimmer<br>(China Mains Lead) | <b>A84600082</b> |

| Product  | Cat. No.         |
|--|------------------|
| <b>Thermo Scientific Digital Tissue Section Bath</b>                   |                  |
| Thermo Scientific<br>Digital Tissue Section Bath 230V                  | <b>A84600060</b> |
| Thermo Scientific<br>Digital Tissue Section Bath 110V                  | <b>A84600061</b> |
| Thermo Scientific<br>Digital Tissue Section Bath<br>(China Mains Lead) | <b>A84600062</b> |
| <b>Thermo Scientific Digital Tissue Section Bath Accessories</b>       |                  |
| Digital Tissue Section Lid   | <b>A84610141</b> |



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