



The **TES 99** is a reliable and robust **three-piece** paraffin embedding center, consisting of units for heating, dispensing and cooling of tissue samples in paraffin. The units can be arranged individually in order to optimize the work process for personal preferences, e.g. to optimize for left-handed operation. Each unit works independently with own temperature control, and can therefore be used as a single device in the laboratory. The work surfaces are designed ergonomically to prevent fatigue after long periods of use.

The dispenser unit has a very large paraffin tank with a capacity of **5.7 liters**. Paraffin can be dispensed from the outlet tap either manually or by foot switch. Blocks that already solidified can be placed onto the flat heated outlet tap to be melted again. Excess paraffin on the cassettes can be scraped off in the designated rippled area on the work surface.

An adjustable LED lamp is included on the dispenser unit to illuminate the dispensing area. Magnifying glass (available separately) can be attached to the lamp. Four connections for heated forceps and six forceps slots are easily accessible around the outlet tap. The large square cooling point is in the middle. It reaches down to $-5\text{ }^{\circ}\text{C}$. Excess paraffin is caught in a drawer under the dispenser during operation to keep the surrounding area clean.



The cooling unit offers space for up to 110 paraffin blocks that can be cooled at a maximum freezing temperature of $-15\text{ }^{\circ}\text{C}$ on the stainless steel surface.

The heating unit has a spacious preheating chamber for embedding molds as well as a cassette depot with removable cassette container made of stainless steel. Embedding cassettes and almost any type of sample baskets can be accommodated in it. The cassette depot is closed with a cover that can be opened and closed to ensure temperature stability.

In addition to its attractive design, the **TES 99** also impresses with its high functionality and quality. Insulated hand rests allow you to work comfortably even when used for a longer period of time. The housing is made of powder-coated, easy-to-clean sheet metal.

Technical Data Cooling Plate		Cat. No.
Temperature:	max. -15 °C	
Dimensions Cool Plate (W/D):	500 x 260 mm	
Dimensions Overall (W/D/H):	500 x 545 x 330 mm	
Weight:	ca. 27 kg	
Power Supply:	230 V / 50 – 60 Hz / 320 VA	02-9741-00
	115 V / 50 – 60 Hz / 320 VA	02-9751-00
Technical Data Paraffin Dispenser		
Capacity Paraffin Tank:	5.7 liters	
Temperature Paraffin Tank:	+30 °C to +70 °C	
Temperature Cold Spot:	ca. -5 °C	
Dimensions Cold Spot (W/D):	40 x 40 mm	
Forceps:	4 connections for heated forceps, slots for 6 forceps	
Dimensions Work Area (W/D):	360 x 245 mm	
Dimensions Overall (W/D/H):	360 x 545 x 330 mm	
Weight:	ca. 24 kg	
Power Supply:	230 V / 50 – 60 Hz / 350 VA	02-9725-00
	115 V / 50 – 60 Hz / 350 VA	02-9735-00
Technical Data Thermal Unit		
Temperature Preheating Chamber:	+30 °C to +70 °C	
Temperature Cassette Container:	+30 °C to +75 °C	
Dimensions Preheating Chamber (W/D/H):	305 x 205 x 115 mm	
Dimensions Cassette Container (W/D/H):	290 x 235 x 45 mm	
Dimensions Overall (W/D/H):	360 x 545 x 330 mm	
Weight:	ca. 22 kg	
Power Supply:	230 V / 50 – 60 Hz / 750 VA	02-9760-00
	115 V / 50 – 60 Hz / 750 VA	02-9770-00

The following accessories are available for use with the **TES 99**:

Item	Packing Unit	Cat. No.
Magnifier (4 diopters) for round lamp (dispenser unit)	1 pc.	46-0088-02
Heated forceps, tip 0.5 mm Ø	1 pc.	43-0015-00
Heated forceps, tip 1 mm Ø	1 pc.	43-0011-00
Heated forceps, tip 2 mm Ø	1 pc.	43-0012-00
Heated forceps, tip 4 mm Ø	1 pc.	43-0014-00
Heat protection shield for dispenser unit	1 pc.	37-0479-00

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