

MICROTOME BENCH TMB

IVD In vitro diagnostic-medical device

CND Code: W0202059099 - **CIVAB Code:** SGL BPC TM



General information

Type of instrument:	Microtome Bench.
Model:	TMB.
Code:	40-300-400.
Description:	Instrument used in pathological anatomy/histology laboratories to effect the microtome dissection of paraffin included histological samples. Structure in painted metal with working surface in multilayer of poplar plated with solventproof plastic laminate. The standard model is provided with Cooling Plate, Water Bath, Hot Plate , fluorescent lamp and n. 3 sockets 230V IP55 as well as a hole for passage of pedal control cable.
Manufacturer:	Bio-Optica Milano S.p.A.
Distributor in Italy:	Bio-Optica Milano S.p.A.
Marketing:	Since 2007.

Dimensional features

Dimensions (WxDxH):	1500x800x1775 mm - Working surface height: 900 mm.
Working plane dimensions (WxDxH):	1500x730x30 mm. Plane in impermeable multilayer.
Weight:	120 Kg.

Electrical connections

Power supply:	230V~ 50/60Hz.
Power:	1600 Watt in total.

Other connections

Water connections:	Not necessary.
Fumes aspiration/filtration:	Not necessary.

Working surface lighting

Fluorescent lamp with 500 mm long articulated arm.	
Power:	Fluorescent tube of 11 Watt - type Dulux S.
IP degree of protection:	IP20.

Technical features common to the instruments

Working temperature adjustment:	Through electronic thermostat with microprocessor.
Working parameters visualization and modification:	Through control panel with digital display, bilingual (Italian and English).
Programming possibility:	Instrument starting and switching off, weekly.

TECHNICAL FEATURES OF THE INTEGRATED INSTRUMENTS

Cooling plate

Cooling plate complete with cover, constituted of without CFC cooling system by compressed cycle, used to obtain the rapid cooling of paraffin included histological samples. The cooling surface is provided with 6 cm large metal edge in order to avoid the condensate from dripping on the working bench.

Cooling plate dimensions (WxDxH):	310x300x60 mm.
Capacity:	Up to 170 cassettes, in vertical position.
Refrigerant:	R134A - 150 grams.
Working temperature:	Adjustable from +20°C to -20°C.

Water bath

Water bath complete of removable Pyrex basin.

Temperature taking system:	Through probe PT1000 immersed directly in water, provided with articulated arm.
Lighting:	6 Watt neon lamp.
Working temperature:	Adjustable from +20°C to +70° C. Reading precision $\pm 1,5^{\circ}\text{C}$.

Hot plate

Slides-dryer plate with black anodized aluminium heating surface, which can house up to 24 slides.

Hot plate dimensions (WxD):	130x310 mm.
Working temperature:	Adjustable from +20°C to +70° C. Reading precision $\pm 1,5^{\circ}\text{C}$.

Issued accessories

QUANTITY	DESCRIPTION	CODE
1	PIREX BASIN	40-300-050

Optional accessories

QUANTITY	DESCRIPTION	CODE
1	SWIVEL STOOL	40-300-450
1	FOOTBOARD	40-300-451

Pirex basin.

