

Tissue-Tek® TEC™ 6

Embedding Module

Specifications



General Instrument Specifications

General name		Paraffin-embedded block preparation system
Brand name		Tissue-Tek® TEC™ 6 Embedding console system
Model		TEC 6
Product code		5114
Dimensions		Embedding Module: 57.5 (W) x 64.2 (D) x 37.7 (H) cm Cryo Module: 33.0 (W) x 61.7 (D) x 37.7 (H) cm Combined: 90.5 (W) x 64.2 (D) x 37.7 (H) cm
Weight		Embedding Module: 25 kg Cryo Module: 22 kg Combined: 47 kg
Rated power supply		Embedding Module: 230 VAC ± 10%, 50 Hz, 4 A Cryo Module: 230 VAC ± 10%, 50 Hz, 1 A
Temperature Control Embedding Console	Heated area & Programmable range	Paraffin chamber: 50 to 75°C Left and right warming chambers: 50 to 75°C Hot plate: 50 to 75°C
	Cold spot temperature	15°C or below (room temperature of 25°C, no wind, no load (nothing on the cold spot))
Temperature Control Cryo Console	Lowest temperature achievable	-5°C ± 3,5°C or below (Room temperature of 25°C, with no wind, measured at the center of the cold plate under no loaded environment)
	Time to reach at a setting -5°C	Within 30 min after started to operate (Room temperature of 25°C, with no wind, measured at the center of the cold plate under no loaded environment)

Safety device		Overcurrent protection: Circuit protector Heater overheat protection: Self-holding over temperature protector, temperature fuse)
Location of the instrument		Indoor use
Required facilities	Voltage	230 VAC $\pm$ 10%
	Frequency	50 Hz
	Capacity	10 A or higher
Operating environment	Ambient temperature	10 to 35°C
	Relative humidity	30 to 85% (non-condensing)
Overvoltage category		II (2)
Transient overvoltage up to the level		1500V
Electromagnetic environment		Normal electromagnetic environment
Pollution degree*		2 (*per IEC61010)
Noise*		60 dB or less (A-weighted level) (*per JIS Z8737-2:2000)
Vibration/Drop		Vibration test per JIS Z 0200, JIS Z 0232 Drop test per JIS Z 0200, JIS Z 0202
Regulatory and applicable standards	Law	CE Marking EMC/LVD/ RoHS Directive
	Electrical safety evaluation	EN 61010-1-2010
	Electro-magnetic compatibility	EN 61326-1:2013
	Others	EN 50581:2012(RoHS)

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