

Chapter 6 Specifications

6-1 Instrument Specifications

TEC 6-EM

Item		Description
Paraffin chamber capacity		Up to 4 L Dimensions: W509 × D140 × H70 (Approx. R30 at corners)
Left/right warming chamber capacity		Accommodates one 150-cassette basket or two 75-cassette baskets. Dimensions: W177 × D263 × H55 (Approx. R15 at corners)
Hot plate		Able to place 20 standard-type Uni-cassettes on top.
Number of forceps holders that can be accommodated		3 pcs on each side
Dimensions of cold spot		70 mm × 50 mm
Dispenser		The dispensing rate can be adjusted using the flow rate adjustment dial. (0 to 3.5 turns)
Work light		Adjustable to 5 levels
Operation	Timer operation	Once the start time and end time of operation are set for each day of the week, operation will start/stop automatically at the set times.
	Manual operation	This button can be used after the paraffin chamber reaches the set temperature.
Temperature setting	Paraffin chamber	50 to 75°C (default value: 62°C) * The temperatures for paraffin chamber, paraffin line, dispenser and solenoid valve are set all at once.
	Warming chamber	50 to 75°C (default value: 62°C)
	Hot plate	50 to 75°C (default value: 62°C)
	Forceps holder	Hot plate set temperature + 8°C (default value: 70°C) * Up to 80°C
	Cold spot	Not specified. * Reference: 15°C or below (room temperature of 25°C, relative humidity of 40%, no load)
Control		Micro-computer control
Display		4.3 inch TFT color touch screen
Safety device		Self-holding over temperature protector, thermal fuse
Power-supply facility		J0: 100 VAC 50/60 Hz 15 A A1: 115 VAC 60 Hz 15 A E2, JC2: 230 VAC 50 Hz 10 A
Overcurrent protection		Circuit protector (power supply switch) Rated current 100/115 V specification 15 A 230 V specification 10 A
Rated current		J0: 8.5 A A1: 9.0 A E2, JC2: 4.0 A
Operating environment		Ambient temperature 10 to 35°C Relative humidity 30 to 85% RH (non-condensing)
Storage environment		Ambient temperature -10 to 60°C Relative humidity 30 to 85% RH (non-condensing)
Instrument dimensions		Approx. 575 (W) x 642 (D) x 377 (H) mm
Instrument mass		Approx. 25 kg (including accessories)
Package dimensions		Approx. 700 (W) x 765 (D) x 480 (H) mm
Package mass		Approx. 31 kg

TEC 6-CM

Item	Detail
Cooling plate	Dimensions: W300 x D370
Operation	Timer operation Once the start time and end time of operation are set for each day of the week via the EM, operation will start/stop automatically at the set times.
	Manual operation Start/stop operation via the EM.
Settable temperature range	-10 to 0°C
Temperature reached	-5°C or below (25°C, relative humidity of 40%, no load)
Control	Micro-computer control via EM
Display	N/A
Safety device	Compressor overload protection Detection of fan rotation
Power-supply facility	J0: 100 VAC 50/60 Hz 15 A A1: 115 VAC 60 Hz 15 A E2, JC2: 230 VAC 50 Hz 10 A
Overcurrent protection	Circuit protector (power supply switch) Rated current 100/115 V specification 15 A 230 V specification 10 A
Rated current	J0: 3.0 A A1: 2.0 A E2, JC2: 1.0 A
Operating environment	Ambient temperature 10 to 35°C Relative humidity 30 to 85% RH (non-condensing)
Storage environment	Ambient temperature -10 to 60°C Relative humidity 30 to 85% RH (non-condensing)
Instrument dimensions	Approx. 330 (W) x 617 (D) x 377 (H) mm
Instrument mass	Approx. 22 kg (including accessories)
Package dimensions	Approx. 455 (W) x 765 (D) x 480 (H) mm
Package mass	Approx. 28 kg