

Auto Tissue Processor

Model: TP - 500

Vacuum Tissue Processor

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Model No.		Auto tissue processor TP - 500	Vacuum tissue processor TP - 501
			
Vacuum degree		x	0.053MPa
Temperature range		x	45°C to 85°C (±3°C)
Tissue processing steps		12 steps	12 steps
Number of reagent cups		9 (with a volume of 1.3L/2.3L for a larger volume)	9 (with a volume of 1.3L/2.3L for a larger volume)
Number of paraffin cups		3 (with a volume of 1L/1.8L for a larger volume)	3 (with a volume of 1L/1.8L for a larger volume)
Minimum time interval setting		1 min	1 min
Frequency of basket stirring		≥10 times/hour, 30 sec for each time	≥10 times/hour, 30 sec for each time
Program : Maximal turn-on delay		1 month	1 month
Program : Duration in each cup		0-10 hours(10 programs)	0-10 hours(10 programs)
Voltage and frequency		AC 220V±10% 50Hz (standard model)	AC 220V±10% 50Hz (standard model)
Power		500W (1.3L), 1000W (2.3L)	500W (1.3L), 1000W (2.3L)
Net weight		60KG	60KG
Size of basket		95mm*80mm	95mm*80mm
Size		670(D)*540(H),680mm at the highest point	670(D)*540(H),680mm at the highest point
Capacity : 1.3L	Single basket	Main box : 72.5*72.5*67cm 60KG	Main box : 72.5*72.5*67cm 60KG
	Double basket	Accessories box : 50.5*50.5*47.5 cm 31KG	Accessories box : 50.5*50.5*47.5 cm 31KG
Capacity : 2.3L	Single basket	Main box : 86.5*86.5*71cm 64KG	Main box : 86.5*86.5*71cm 64KG
	Double basket	Accessories box : 68*46.7*47.5cm 35KG	Accessories box : 68*46.7*47.5cm 35KG

Feature

- Entire operation process is controlled by a PLC through a touch screen, easy to operate, reliable and stable.
- Tissue specimen basket can be placed in a cup at any station by a mechanical arm, flexible and easy to operate.
- Multiple safety protection mechanisms including power failure alert and operation error protection.
- Stirring during the dehydration process ensures adequate contact of tissue with reagents and paraffin to improve dehydration performance.
- Temperature of paraffin cup is precisely controlled by a constant temperature control system and the inner surface of the cup is TEFLON-coated, contamination-resistant, and corrosion-resistant.
- 1.3L (or a larger volume of 2.3L) medical glass beakers are used as processing cups, allowing clear observation of tissue changes during the operation.