



Automatic Tissue Processor

Model: TP-500 / TP-501 (Vacuum)



TP-500 / 510 Tissue processor is an automatic compact device used to process animal and human tissues. It is covering staining process atomization from stage one of fixation of tissue and dehydration process to paraffin wax saturation. Glass door with locking arrangement provides easy viewing and safety from Tempering. Continuous agitation is provided by rotating S.S. Tissue basket to make process more effective. A superior thermostat maintains desired temperature of wax bath.

It is an excellent choice for histology and pathology labs of hospitals and research institutes as well as food inspection authorities. It is accurate and easy to use and operate.

FEATURES:

- Silent, robust and precision operation with advanced software for easy changing process parameters and allow each user adjusting the device to the specific requirements.
- Microprocessor control whole operating process and ensure operating convenience and working stability.
- Electrical protection functions and obstacle protection functions.
- Tissue basket relocating controlling perch enabling the tissue to be put in any jar.
- Agitation dehydrate mode to guarantee the complete mix and contact with the tissue, solvent and paraffin so as to achieve good dehydrate effect.
- Large touch-screen LCD screen showing every step of processing and easy for monitoring.
- Timing: delay timing max 99 hour 59 min, jar process timing max 99hour 59 min timing increment: 1min.
- Constant temperature controlling system adopted on the paraffin jar to ensure high precision of temperature controlling, non-stick TEFLON coating painted on the internal surface that provide the good condition for tissue protection.
- There are 8 programs selectable.
- Battery backup for 4 hour expect the paraffin jar.
- Adopted with electric lock and password for specific person use.

TECHNICAL DATA

Type:	Carousel type	
Configurations:	TP-500 Basic instrument	
	TP-501 with Vacuum	Pressure: max. 0.053 MPa
Tissue processing steps:	12 stations	
Number of reagent cups:	9 (volume 1.3 L)	or larger volume (2.3 L)
Number of paraffin cups:	3 (volume 1.0 L)	or larger volume (1.8 L)
Temperature range:	45 - 85 °C	
Tissue baskets:	Size (standard): Ø120×100mm and Ø 120×80mm	
Single basket (1.3 L)	Made of Metal with different capacities of up to 100 cassettes.	
Double basket (2.3 L)	Made of Metal with different capacities of up to 200 cassettes.	
Minimum time interval setting:	1 min interval every 4 minutes inside the container.	
Frequency of basket stirring:	≥ 10 times/hour, 30 sec. for each time.	
Programs Number:	8 programs, freely selectable	
Program:	Maximal turn-on delay:	1 month
	Duration of each cup:	0 – 10 hours (10 programs)
Programmable in-filtration time:	Per station:	99 h 59 min
	Delayed start:	99 h 59 min
Hood	with active carbon filter & fume exhaust fan (size: 980x900x900mm)	
Control:	Ergonomic control panel with foil-protected keyboard and LCD. In-filtration time separately programmable for each station. Editing and changing of programs, even during a processing run. Audible alarms, error messages and warning codes.	
Battery backup:	4 hours (except wax baths)	
Voltage / Power:	110/220V AC ± 10%, 50/60Hz	800W
Dimensions / Weight :	780 x 570 x 690mm / approx. 80 kg	

Standard Accessories (included)

2 Tissue baskets, power cable, 2 fuses



A+A Diagnostics GmbH

Auf der Heide 15 • D- 37351 Dingelstädt

Federal Republic of Germany

P: +49 (0) 36075-439-342 Fx -308

e-mail: info@aa-diagnostics.de

URL: <http://www.aa-diagnostics.de>