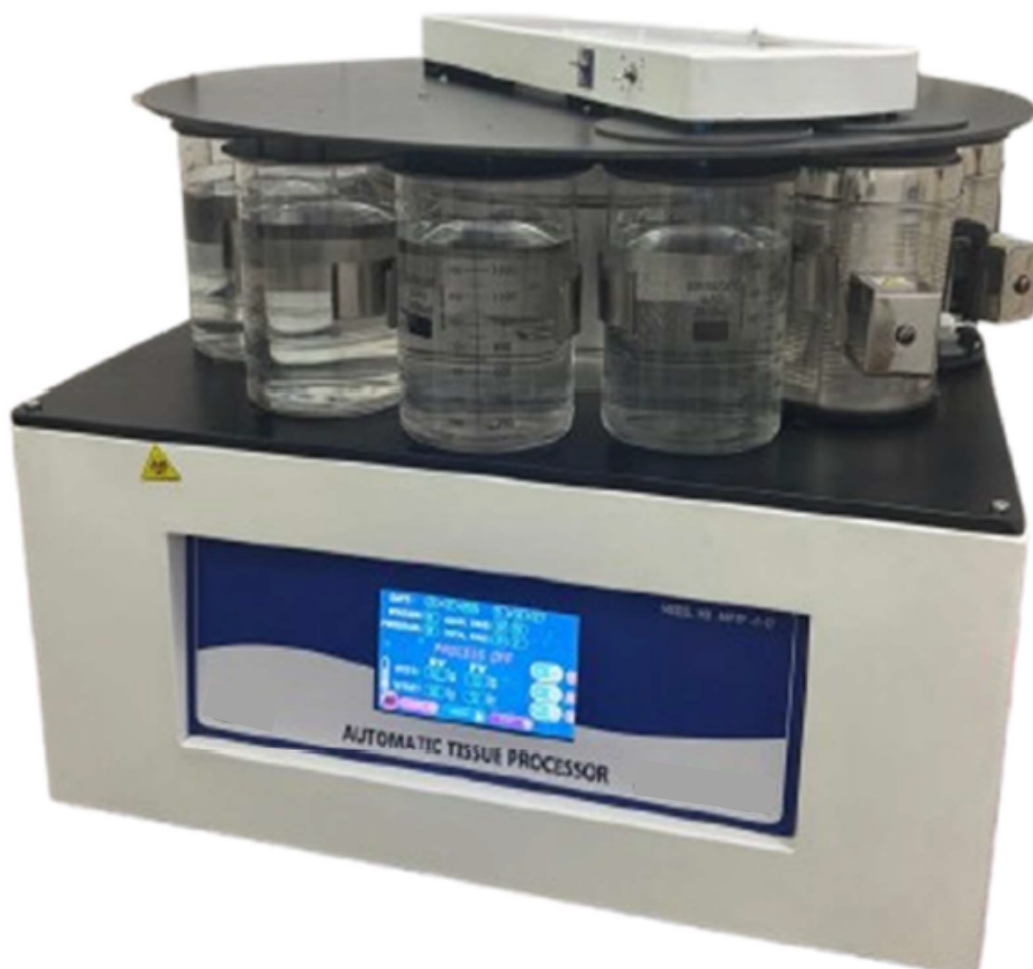




# AUTOMATIC TISSUE PROCESSOR (Microprocessor Based) TOUCH

**ATP-M-T-24**

*Design, Development & Manufacturing of Histopathology Laboratory Instruments.*



9034999314



ipisales63@gmail.com



ipihisto.com



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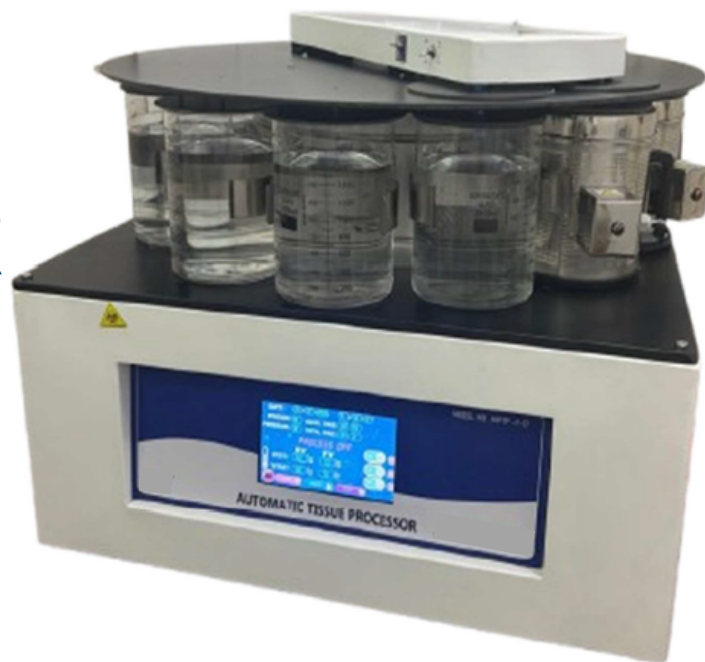




# TOUCH AUTOMATIC TISSUE PROCESSOR

ATP-M-T-24

Automatic Tissue Processor Touch (ATP-M-T-24) is a microprocessor-controlled system designed for automated tissue dehydration, clearing, and paraffin infiltration. Featuring an 7 inch Touch Controller and user-friendly programming interface, it ensures accurate, consistent, and efficient tissue processing with minimal manual intervention.



## KEY FEATURES

### Control & Operation

- Advanced microprocessor-controlled system for precise and reliable operation.
- **Large 7 inch Touch Controller** for clear monitoring of process parameters.
- Wide programmable time range from minutes up to 99 hours.
- Improved pin-up time for enhanced handling and process accuracy.

### Processing Performance

- Continuous basket rotation ensures uniform reagent penetration.
- Stainless steel perforated basket allows optimal reagent flow around tissue cassettes.
- Basket pause during transfer between beakers prevents reagent carryover and cross-contamination.
- Ensures consistent and high-quality tissue processing results.

### Processing Performance

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- Ensures consistent and high-quality tissue processing results.

### Safety & Protection System

- Advanced Safety System with overheat thermal protector and over-temperature cut-off.
- Built-in EMI filter protects against low/high voltage fluctuations.
- Dual mechanical and electrical protection prevents accidental basket jumping between stations.
- Automatic basket stop at wax stations (10-11) until proper wax temperature is reached.
- Emergency manual basket lifting handle for extended power failures.

### Basket & Mechanical Design

- Robust Basket & Rotor Design.
- Precision Engineered Center Rod.
- Cross-Roller Bearing Support.
- High-Torque Gear System.

### Operational Reliability

- Stable Basket Movement.
- Prevention of Basket Jumping Between Stations.
- Long Service Life.
- Reliable Performance During Continuous Operation.



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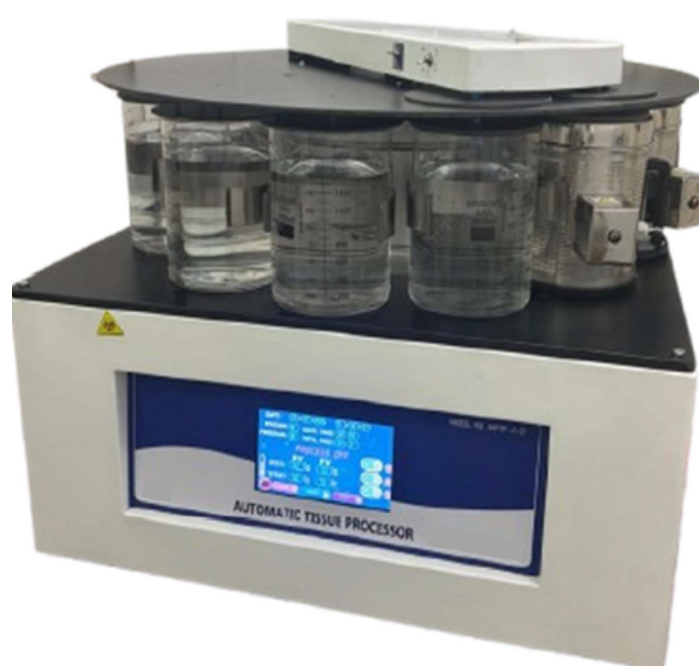


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## TECHNICAL SPECIFICATION

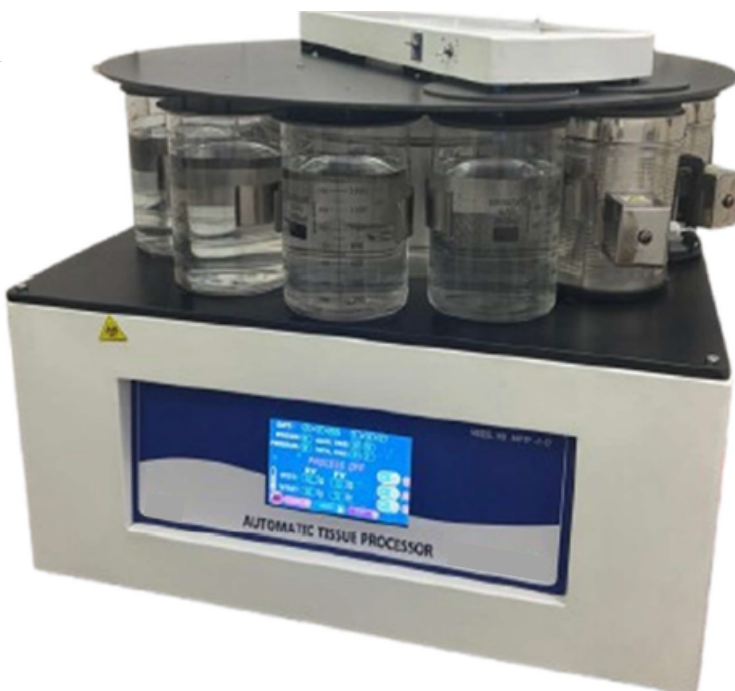
|                             |                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Controller                  | 7 inch Touch Contoller                                                                                                                                  |
| Programming Stages          | 12 Stage Timing Sequence                                                                                                                                |
| Time Setting Range          | 1 Minute to 16 Hours 39 Minutes (999 Minutes) per Step                                                                                                  |
| Delay Action Timer          | 1 to 99 Hours                                                                                                                                           |
| Wax Bath Control            | Thermostatically Controlled Wax Bath                                                                                                                    |
| Number of Tissue Containers | 12 Containers                                                                                                                                           |
| Basket Capacity             | 36 Plastic Tissue Processing Cassettes                                                                                                                  |
| Basket Volume Capacity      | 1 / 2 Litre (Optional)                                                                                                                                  |
| Basket Rotor                | 1 / 2 Basket Rotor (Optional)                                                                                                                           |
| Glass Beakers               | 10 Without-Lip Glass Beakers                                                                                                                            |
| Wax Bath Temperature Range  | Maximum 110°C                                                                                                                                           |
| Programmable timing         | Individual programmable timing sequence for each station from 1 min to 6 hrs. In increments of 1 min and programmable delay start time of up to 99 hrs. |
| Total Programs              | 10 programs                                                                                                                                             |





## ACCESSORIES

1. Main Lead - 1 no
2. Side Handle - 1 no
3. Screw driver - 1 no
4. Dust Cover - 1 no
5. Wax Bath - 2 nos
6. Oil Can - 1 no
7. Fuse - 2 nos
8. Glass Beaker - 12 nos
9. Tissue Basket - 1 / 2 no
10. Plastic Tissue processing Capsule - 12 nos
11. Operating manual- 1 no



# AUTOMATIC TISSUE PROCESSOR Touch

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