

Leedo®

ATP-300 Plus Premium Tissue Processor



Features:

- **1. Single Tank Capacity:** 330 standard embedding cassettes arranged in an orderly manner.
- **2. Mechanical handle:** for chamber lid with "lid unsecured" alarm.
- **3. User Interface:** 15-inch adjustable-angle color LCD touchscreen interface.
- **4. Independent Liquid and Gas Pathways:** Unique condenser design to liquefy gases in the air pathway and discharge them into a waste bottle, ensuring no contaminated gas leakage.
- **5. Transparent Lid Window:** Allows for easy observation of the interior of the processing tank.
- **6. Timer Function:** Ability to set the tissue processing completion time for any day of the week.
- **7. Power Failure Protection:** Automatic resumption of processing from the point of interruption upon power restoration.
- **8. Pre-set Programs:** 10 tissue processing programs for user customization and selection.
- **9. Reagent Management System:** Tracks the number of processed cassettes, days of reagent use, or processing cycles to determine reagent and wax replacement intervals. Automatic counting and alerts for reagent and wax replacement. Automatic gradient replacement of alcohol and wax.
- **10. One-touch Switching:** Seamless transition between routine and rapid processing modes. Rapid processing for small specimens can be completed in less than 3 hours during the day, while routine processing is conducted at night.
- **11. Gas Pressure Conversion Device:** Mechanical structure for gas pressure conversion, avoiding high failure rates associated with solenoid valves.
- **12. Automatic Wax Replacement:** The first wax tank drains into the waste wax tank, the second wax tank moves to the first, the third wax tank moves to the second, and new wax is added to the third tank.
- **13. Automatic Reagent Rotation:** After the first tank of a reagent is drained into the waste tank, the system automatically uses the reagents in the correct order (from least to most clean) and drains them into the previous reagent tank, eliminating the need for manual rotation.
- **14. Multiple Safety Protections:** Two liquid level sensors for minimum and maximum levels, providing alerts and stopping operation if necessary. Over-temperature detection and power failure protection.
- **15. Magnetic Stirring Function:** Reduces processing time and improves dehydration quality.
- **16. Reagent Bottle Detection:** Equipped with optical positioning and blue backlighting for real-time insertion verification, ensuring dehydration process integrity. Activates yellow light flashing and audible alarm for improper placement. Features backlit graduated scale for enhanced liquid level visibility under blue-transmitted illumination.
- **17. Fault-triggered Phone Alert:** Equipped with malfunction-triggered telephone alarm functionality.
- **18. Completion Alerts:** Audible and on-screen notifications upon completion of processing.

Main Technical Data:

- **1. Processing tank volume:** 6L
- **2. Reagent bottle volume:** 6L
- **3. Reagent Bottle Quantity:** 9 reagent bottles
3 clearing bottles
1 activated carbon filter
1 waste liquid container
- **4. Wax Cylinder Quantity:** 3 tanks
- **5. Workspace Heating Temperature:** 0°C–45°C for solvents; 55°C–70°C for wax, adjustable.
- **6. Working Pressure:** Positive pressure: 0–30KPa; Negative pressure: –70–0KPa (adjustable).
- **7. Wax Tank Temperature:** 55°C–70°C, adjustable.
- **8. Wax Melting Time:** less than 3 hours.
- **9. Immersion Time Setting:** 0–300 minutes, adjustable.
- **10. Liquid Inlet/Outlet Time:** 0–5 minutes, adjustable.
- **11. Stirring Time:** Arbitrarily settable; Stirring interval: Arbitrarily settable.
- **12. Dimensions:** 650x650x1420mm
- **13. Net weight:** 167kg

Accessories:

Standard Setting List

No.	Item	Quantity
1	Main Unit	1 unit
2	Reagent Bottles	13 tanks
3	Waste Wax Container	1 unit
4	Processing Baskets	1 set
5	Stirring Rods	2 units
6	Spatula	1 unit
7	Stainless Steel Tray	1 unit

Package Info:

Each instrument packed: Wooden Case

Dimensions: 750x750x1450mm

Gross Weight: 205kg