



**MODEL NO.: YSI-103**

**YSI AUTOMATIC TISSUE PROCESSOR**



- Super Deluxe"

This model is specially a proven design, main stay of Pathology Labs in the country and immaculately profiled. It effectively combines functional utility with aesthetic appeal. Most effective feature of the machine is that only Basket Rotor along with the moving basket Bakelite beaker cover lifts up to change the position on to the next stage of the processing cycle. All the other beakers remain covered during each change of stage, thus keeping the loss of alcohol/reagents to a minimal level by preventing evaporation.

Technical Data:

It progresses from its initial stage, to dehydration stages to its final embedding in wax, with 12 processing stages. Quite elaborate methods can easily be employed for preparing tissues for histology. The last two stages are thermostatically controlled wax baths. Programming of the machine is very simple and User friendly.

- Two numbers unique imported Process Timers - Pin up & Pin down type for programming delay as well as the main cycle with full flexibility for the user to program as per customer's requirement without any external tool or tackle or any kind of timing disc.
- Main Process Timer, controls timing of the tissue basket in each position.
- Another 24 Hrs. delay timer is provided for weekend and routine delay starting.
- If used with single load head, 36 tissues can be processed for unequal immersion time and with double load head 72 tissues can be processed using the equal immersion time. Both the basket keeps rotating to ensure better penetration. All the beakers remain covered throughout

the process. On completion of the cycle the unit automatically gets locked up to prevent double processing and the tissues remain embedded in the wax bath, until removed.

Safety Device:

- 1 The built-in safety device protects the tissues by not allowing them to shift from 10th to 11th or 11th to 12th stage in case the wax is not melted. It precludes any accident due to power failure or manufacturing of the wax baths.
  - 2 Acrylic control Panel Cover
- The equipment is supplied complete with 2 Nos. S.S. Basket Rotors, 2 Nos. S.S. Baskets, 24 Nos. S.S. Tissue capsules, 10 Nos. Borosil Glass Beakers without lip, 2 Nos. S.S. Wax Baths
- Considering the requirement of different individual users, the Model is available in different Capacities.
  - Beaker/Wax Bath Capacity: 1/2 Liter. 1 Liter. 2 Liters.
  - Suitable to work on 220V, Single Phase 50 Hz, AC supply.

Capacity : 1/2 Liter, 1 Liter, 2 Liters

Optional/Spare Accessories :

- Automatic wax bath. Special type with inbuilt safety device.
- Basket Rotor which rotates the tissue basket slowly.
- Tissue Capsule Basket S.S. with even perforations.
- Tissue Capsule S.S. 28 x 28 x 9mm with sliding cover.
- Tissue Capsule S.S. 20 x 20 x 10mm with sliding cover.
- Tissue Capsule S.S. Circular, 36mm dia with auto press lid.
- Divider for Tissue capsule 'S' shape.
- Divider for Tissue capsule 'V' shape.
- Beaker without lip.

HISTOPATHOLOGY