

**MODEL NO.: YSI-104****YSI AUTOMATIC TISSUE PROCESSOR "ELECTRA"**

—"Electra Model" (Micro Processor Controller Based)

Under the guidance of eminent pathologists our R & D Division has developed yet another unique model of Tissue Processor having complete Programmer logic Controller for complete cycle. Timing & stage sequence, Wax bath temperature safety system etc. are all controlled/operated by feather touch key board with Digital Display. The entire unit looks very attractive with aesthetic appeal. The data is retained in case of power failure. Front panel comprises of the key board, digital display, control switch. The PID temperature controller have been used for controlling the wax bath temperature.

Technical Data :

- The 12 stage timing sequence may be programmed for each stage for duration between 1 minute to 9 hrs. 59 minute, in steps of 1 minute.

Delay Time :

- Delay time can be programmed upto 99 hours and will be sequenced with main control.

Wax Bath Safety Control :

- Automatic Wax Bath specially designed for PID control and PT 100 sensor. It signal's the machine in stage 9, prior to

immersion in Wax and if wax is melted it automatically takes change from stage 9 to 10 and so on, but if wax is not melted due to some reasons, then machine signals "Wax not melted or temperature is not proper". When wax is melted/wax temperature is attained then only the tissue basket is allowed to immerse or rotate in the wax bath. Thus 100% safety of precious tissues.

Basket Rotor :

- Slowly rotating 2 basket rotors are also operated through the microprocessor.
- The unit is supplied complete with 2 Nos. S.S. Basket Rotors, 2 Nos. S.S. Basket, 24 Nos. S.S. Tissue Capsule, 10 Nos. S.S. beakers without lip, 2 Nos. S.S. Wax Baths (Specially designed for use with PID temperature controller).
- Suitable to work on 220 V, single phase, 50 Hz, AC supply.
Capacity : 1 Liter, 2 Liters

Optional / Spare Accessories :

- Basket Rotor which rotate the tissue basket slowly.
- Tissue Capsule Basket of S.S. with even perforation.
- 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.