

Tissue Processor

Automatic Tissue Processor is designed to prevent a solution to the rapid processing of tissue in Histology Laboratories. MPTP removes all the water from a tissue sample and replace it with paraffin wax with optimum speed to curtail damage to the tissue caused by dehydration and shrinkage.



Features

- Safety device for Tissue in case wax not melted the basket stop at the station 10th – 11th till the temperature is not attained.
- Trouble free and maintenance free.
- Heavy gauge used in the fabrication of body.
- Wax bath stainless steel inner outer with Teflon coated wire used in the heater with best quality heating wire with thermal cut out of 75°C.
- External body powder coated to avoid chipping and anti rusting chemical used all moving parts moving on Ball bearing oil sealed.
- Not much maintenance required.
- Main motor used Korean Geared motor to avoid vibration and sound.
- In case of emergency side lifting handle provided to take out a Tissue basket in case of Electricity failure.
- Tissue basket capacity of 100 tissue cassette per Basket.
- The instrument microprocessor controlled with adequate memory to save and retrieve at least 6 user selectable programs.
- Rotary head have a lock out facility at the end of run to prevent basket moving from station 12 to station 1.
- Have 10 stations with organic solvent resistant lipless beakers of 2 litre capacity.
- Have a minimum of two temperature controller wax baths of 2 litre capacity.
- Wax bath have user definable temperature range of at least 50 – 65 degree with a high temp cut off at 75°C +- 5°C.
- Have 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.
- Retain cycle information in case of power failure to continue processing on restoration of power.
- The basket automatically be lowered into the nearest station in case of power failure during transfer of tissue basket from one station to next.
- In case of power disruption during a cycle, then an error msg indicating the station in which there was power failure and the extra immersion time spend by the basket in the station will be flashed.

