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Technical Sheet

ATP1000 Automatic Tissue Processor



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1.Features



1.2 Information and use of the instrument

The ATP 1000 is an automatic tissue processor is designed for the laboratories of Histology and research.

This recently-built instrument Histo-Line Laboratories home combines the simplicity of use of the same by operators with maximum safety and reliability.

Clarity and ease of access to the controls can be found in front of the instrument, equipped with a touch screen color screen attached to the control panel.



Using the control panel, you can view and modify the operating parameters, such as processing programs, the temperature of the compartments paraffin door. Also it allows for daily and weekly programming on and off.

The adjustment of the working temperature is carried out via electronic thermostat with microprocessor.

The operator can set the different programs, diversified in terms of duration, temperature.

1.3 Processor capacity

The ATP1000 Histo-Line has 14 stations, of which 10 for the reagents and 4 paraffin wax.

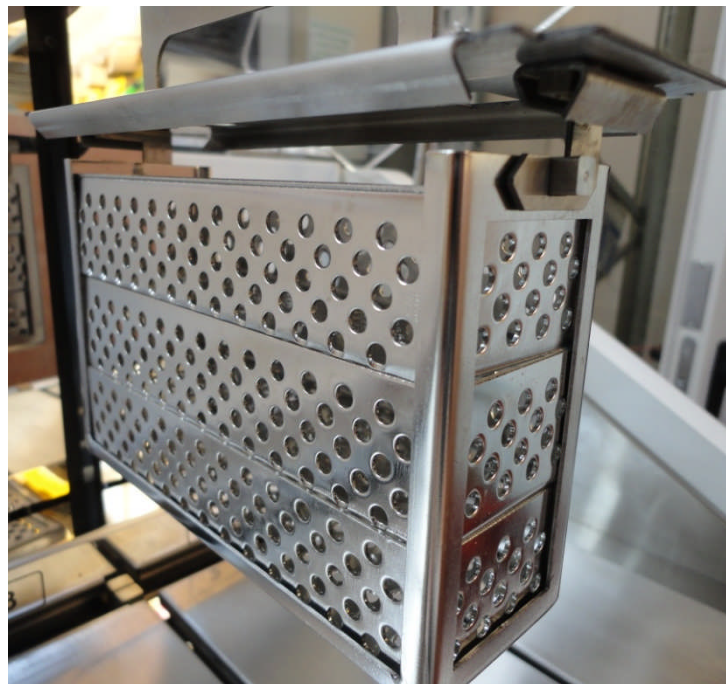
The processor can process 150 samples simultaneously in two baskets of 75 samples each.

All reagents and paraffin containers are completely closed by a Plexiglas cover to prevent evaporation.

The instrument is equipped with an active carbon filter which allows him to work safely outside of a hood, thus preventing odors and air alteration.

It can be programmed for immediate departure or delayed and can be set from 1 minute to 99 hours and 59 minutes.

User can set up to 6 the different programs.



2. Technical features

2.1 Technical Data

Certification: CE, IVD
Protection class: I
Fuses type Fst: 10 A
Pollution class: 2
Over-voltage Category II Installation
Power supply: 220V ~ 50Hz
 110V ~ 60Hz
Relative humidity: 10 to 80%
Maximum power draw: 1000 V/A

2.2 Capacity

Number of stations: 14
Number of paraffin stations: 4
Number of stored programs: 6
Number of processed samples: 150 (75 per basket in 2 baskets simultaneously)
Capacity of each station: 1500 ml
Interval of time set for each step: 1 min. 99 hours and 59 minutes
Paraffin setting temperature: 50 ° to 89 ° C in increments of 1 ° C
Agitation of the basket sample holder: 4 times every 5 minutes
the delay time: 99 hours and 59 minutes
UPS: external and optional

2.3 Hardware and software

Large liquid crystal display (LCD)
Smart and easy to use software
Alarm system as a reminder or failure in the instrument

2.4 Dimensions and weight

Width: 140 cm
Depth: 50 cm
Height: 55 cm
Weight: 142 Kg.