

# HISTOLOGY EQUIPMENT



VACUUM TISSUE  
PROCESSOR

**TP-300**  
**FTP-300**

## TP 300

### Simply Efficient



Fully enclosed, "state of the art" featured, safe and highly reliable, the Intelsint TP-300 is the right answer for the day-to-day tissue processing needs of every Histology laboratory.

With a processing capacity of 300 specimens, five paraffin containers and an easy to operate HMI (Human Machine Interface) it sets itself at the top of the category.

Mindfully designed concepts with regard to specimen safety and operator ergonomics the TP-300 is capable of performing in unfavorable environments.

Its fully automated RFD (Remote Fill and Drain) device allows the user a safe, clean and easy reagents renewal.

### The TP 300 Sample Processing Chamber

Completely made in high quality Stainless Steel.  
 Safe and easy to operate lid lock mechanism.  
 Special, easy to clean surface treatment.  
 Gas piston to keep the lid open.  
 Lid open/close sensor.



## FTP 300



### Simple, Fast, Reliable

Fully enclosed "state of the art" featured, safe and highly reliable, the Intelsint FTP-300 is the safest and more cost effective answer for the needs of every Histology laboratory.

**The FTP-300 is the fastest non-microwave tissue processor today available. Up to 300 biopsies can be safely processed in about 40 minutes.**

**This result can be achieved with traditional reagents or with most of the Xylene and Ethyl alcohol substitutes today available on the market.**

Reagent heating is safely performed during its filling into the sample processing chamber without any delay by using a patented device called EHE (Enhanced Heat Exchanger). Only three reagents (plus fixation) are necessary to successfully and rapidly process biopsies. Every sample is evenly warmed at the desired temperature since the very beginning of each processing step. Any risk of overheating is avoided thanks to the special conformation and the multiple safety devices of the EHE.

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Its fully automated RFD (remote fill and drain) device allows the user a safe, clean and easy reagents renewal.



User friendly graphics and intuitive HMI (Human Machine Interface)

Charcoal filters easy substitution and safe handling

Pre-filled 2.5 liter Reagent tanks



**Sample Processing Chamber**  
 Entirely made of high quality Stainless Steel  
 Safe and easy to operate lid lock mechanism  
 Special easy to clean surface treatment  
 Gas piston to keep the lid open  
 Open/close lid sensor

Xylene free all IntelSint tissue processors can efficiently work with xylene substitutes



Factory pre-filled reagents and wax bottle  
 (Ask your local dealer for availability in your country)

- ✔ HMI software user friendly, simple and clear
- ✔ Available software languages: Chinese, English, German, Italian, Spanish, French, Polish, Czech, Portuguese.
- ✔ Reagent Management System: for reagents, waxes, filters
- ✔ Wax Cleaning Cycle: efficient on site system
- ✔ Reagent Agitation: user selectable
- ✔ Remote Fill/Drain automatic for reagents and purge agents
- ✔ Data backup on USB port
- ✔ User interface: LCD 15" color monitor with Touch Screen
- ✔ Process Programs: 18
- ✔ Delay: up to 15 days
- ✔ Reverse processing special program
- ✔ Process End Time Management: for every program, with auto-store
- ✔ Purge programs: 1 factory optimized, 3 custom
- ✔ Charcoal filters: 2, easy substitution and safe handling
- ✔ Anti-blackout and power failure device
- ✔ Remote alarm socket
- ✔ Sample Processing Chamber fume aspiration
- ✔ Easy maintenance and service
- ✔ Xylene free
- ✔ EHE for no-delay reagents heating up to 65 °C (only on FTP-300)



## Touch Screen Menus

Recent Programs, Program Editing, Purge Cycle, Reagent Management System (RMS), are found in Start Tab.

The most important operational parameters are shown "at a glance" on the main screen to check instrument.

Reagent Management System and the Wax Purification Cycle assist the user on maintaining the best quality of reagents for processing.

The Setup tab on main screen allows access to the following: Parameter, RMS, Passwords and User Service Routines.

## Process Start and Run

Every processing parameter is shown during the entire process. During the Process information like: Process Name, End Time, Step under execution, remaining time, bottle filling into the SPC, are shown or highlighted.

Processes can be suspended or aborted at any time. In case of power failure, when the power returns, the unit restarts the process from where it was interrupted.

With the optional UPS the unit continues to work for 60 minutes then it shuts down automatically with the samples safely recovered.



## Remote Fill & Drain

This unique and useful function permits to empty and refill one of the reagent bottles without removing it from its slot.

The function is completely automated so it allows the user to walk away during the execution.



## Graphic Process Monitoring

With the graphic example at right it is possible to see the temperature course of the SPC (Sample Processing Chamber) for each step of a fast FTP-300 process. The picture is taken from an FTP-300 graph report at the end of a fast process of biopsies.



## TP 300 - FTP 300 - Technical Specifications

Rating	115/230V - 50/60 Hz
Max Power	1000W TP 300 - 1500W FTP 300
Weight	180 Kg (empty)
Dimension (H/W/D) mm	1300, 720, 600
Running ambient temperature	+10° / +35° C
IEC1010 classification	Protective Class 1
Max elevation	2500 mls
Temperatures control precision	+/- 1°C
Paraffin waxes	4+1 reserve-volume 2,5 l
Wax Melting Time	8 Hours
Wax working temperature range	+55°C / +65°C
Sample processing chamber capacity	300 Std cassettes
Reagents working temperature range	ambient / 60 °C
Sample processing Chamber	INOX
Sample baskets	2x150 cassettes each with carrier
Reagents tanks	10 volume 2,5 l with quick connectors
Purge agents tanks	2 volume 2,5 l with quick connectors
Approvals	CE/IVD/UL

### Options

Printers: Any Windows compatible printer

UPS: 60' uninterruptable power source

Large specimens basket

GSM Remote Alarm and instrument check

