

# HISTOLOGY EQUIPMENT



Vacuum Tissue  
Processors  
ETP-EFTP

**PLUS**



**NEW**



**akralab**  
a tu lado desde 1987

**Histo-Line  
Laboratories**

ETP

## ETP PLUS



Fully enclosed, "state of the art" features, safe and highly reliable, the Intelsint ETP is the right answer for the day-by-day tissue processing needs of every Histology laboratory.

With a processing capacity of 450 specimens, three paraffin containers and an easy to operate HMI (Human Machine Interface) it sets itself at the top of the category.

Designed with specimens safety and operator ergonomics in mind, the ETP is also capable of performing in unfavorable environments.

Simple and economic service and maintenance is one of the benefit of Intelsint ETP.

### New features on the PLUS model :

- Backlighted reagent tanks to facilitate the evaluation of the reagent level inside the tank.
- Backlight with color change related to the status of the reagent :  
green color = reagent good  
red color = reagent need to be changed
- RFID sensor on each tank  
( 12 sensors per instrument ) to check :
  - Tank present/not present
  - Tank in correct/incorrect position
  - Tank inserted correctly/not inserted correctly
  - Tank containing the correct reagent for that position ( only for tanks prefilled in the factory with Intelsint RFID tag )

### The new features of the PLUS model are strictly related to the RMS system and allow to :

- reduce drastically the possibility to make errors during the management of the reagents.
- make the work of the laboratory technician easier and safer
- increase the quality of processing
- reduce the risk of samples over or under processed
- reduce the quantity of samples that need to be reprocessed ( this can occur during the use of any type or model of tissue processors when the quality of the reagent is not managed correctly )



## EFTP PLUS



Fully enclosed, "state of the art" features, safe and highly reliable, the Intelsint EFTP is the safest and most cost effective answer for FAST BIOPSIES PROCESSING and overnight tissue processing needs of every Histology laboratory.

**The EFTP is the fastest non-microwave tissue processor today available. Up to 450 biopsies can be safely processed in 40 minutes. This result can be achieved with traditional reagents or with most of the Xylene and Ethyl alcohol substitutes available on the market.**

The reagents heating is safely performed during filling into the sample processing chamber without any delay by 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.

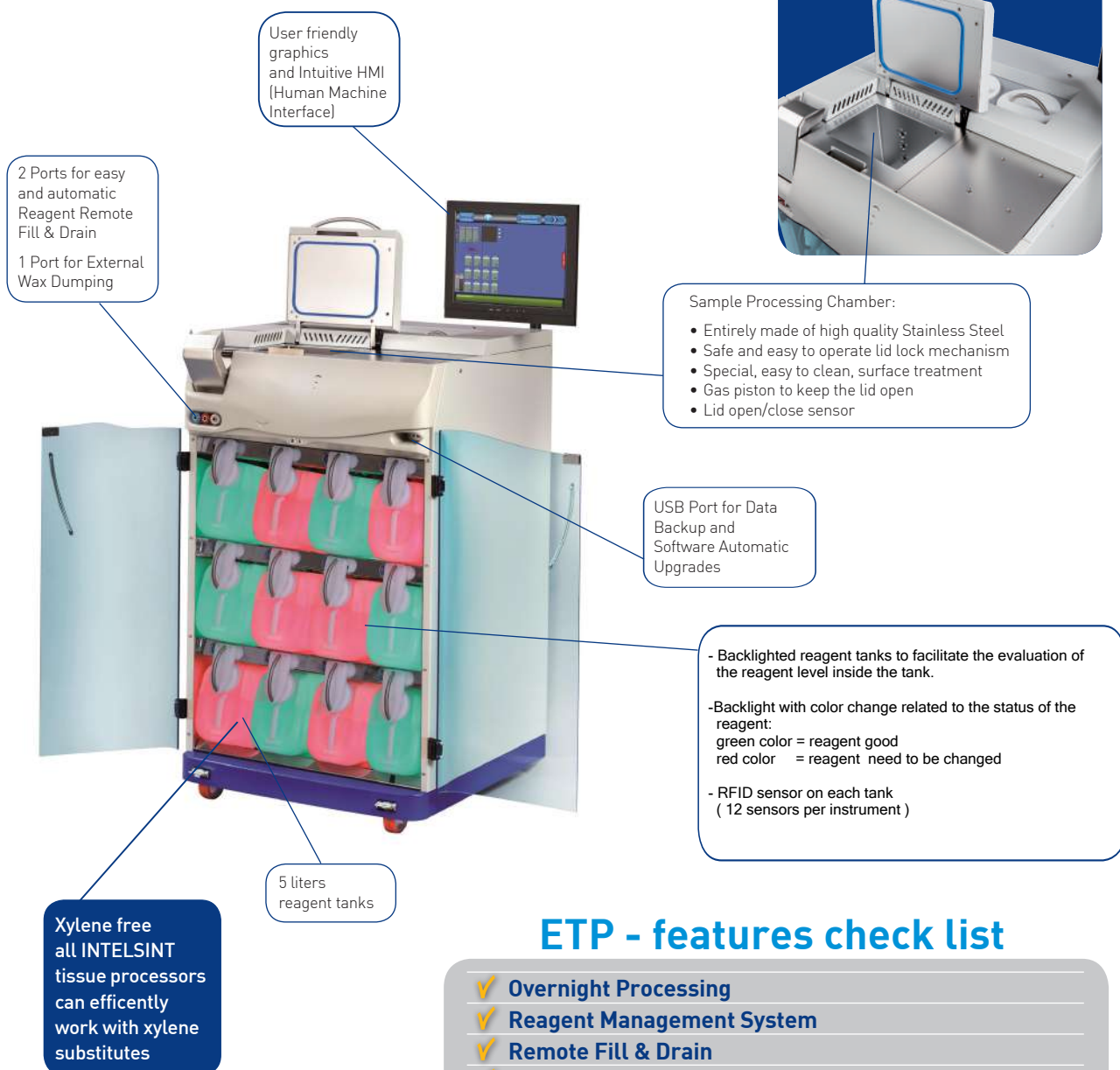
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## ETP - features check list

- ✓ Overnight Processing
- ✓ Reagent Management System
- ✓ Remote Fill & Drain
- ✓ 450 sample capacity
- ✓ 15" Touch Screen Operation Control
- ✓ 3 Level Sensors
- ✓ Reagent Partial Load Capacity
- ✓ Wax Cleaning Cycle
- ✓ Data Backup on USB port
- ✓ 18 Process Programs
- ✓ Reverse Processing Special Program
- ✓ Process End Time Management
- ✓ Fume Control Charcoal Filter
- ✓ Anti-blackout and Power Failures Devices
- ✓ Remote Alarm
- ✓ Remote Monitoring and Servicing
- ✓ Factory Pre-filled Reagents
- ✓ Xylene Free
- ✓ Remote Alarm by Email
- ✓ Remote Control by Internet
- ✓ Backlighted Tanks
- ✓ RFID sensor on each tank





## Process Editing

Simple  
Clear  
Easy  
Intuitive

18 Process available

Drag & Copy Function  
Copy Process Function  
Controlled Field Value



## Process Start and Run

Most Used Process Function  
Easy End of Process Setting

Graphic Process Controls  
Multi-language  
Reagent Level Check  
Partial Reagent Load  
Samples Baskets Check

Info Function to check 'at a glance' the most important instrument parameters

Reagent Quality Check



## Remote Fill & Drain

To change the reagents easily  
without removing tanks

Graphic RFD Control  
Reagent Quality Check  
Easy and Intuitive HMI  
RFD connected with RMS

Fast and Fully Automated

2 Ports for Reagents  
1 Port for Paraffin



## EFTP - Technical Specification

Sample Processing Chambers	INOX
Sample baskets	3
Sample Processing Capacity	450
Reagent Tanks - 5 Liters capacity	12
Paraffin Containers - 5 Liters capacity	3
EHE for Fast Processing	1
SPC Level Sensors	3
Reagent Partial Load Capacity	Yes
Charcoal Filters	1
Remote Fill & Drain Ports	2
Wax Dumping Port	1
Color Touch Screen	15"
Processing Programs	18
Purge Reagents	2
Reagents Temperature Range (°C)	20-65
Paraffin Temperature Range (°C)	55-65
Process Start delay Time	Up to 2 weeks
RMS - Reagent Management System	Yes
RFD - Remote Fill & Drain	Yes
PWD - Protected Wax Dumping	Yes
USB Ports	4
Printer Ports	1
Remote Alarm Port	1
Network Ports (Ethernet)	2
Approvals	CE/IVD/UL
Backlighted Tanks	12
RFID sensor on each tank	12
Rating (50/60Hz)	115-240V 50-60Hz
Available software languages	12



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