







EFTP

Fully enclosed, "state of the art" features, safe and highly reliable, the Intelsint EFTP is the right answer for the day-by-day 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 45 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. 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 360 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 enviroments.

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

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

Code 906003



Codice 906004



General characteristics of ETP and EFTP models (906003 – 906004)

\checkmark Vacuum tissue processor for histological samples, with handling weels with brakes	
✓ Management of: vacuum / pressure, heating and agitation of the reagent	
\checkmark HMI system (Human Machine Interface) with 15" colour touch screen high definition	
✓ Processing capacity : up to 450 standards cassettes	
√ 10 reagents tanks 5 liters each	
√ 3 paraffin containers 4 liters each	
✓ 2 reagents tanks for purge cycle 5 liters each	
\checkmark Sample processing chamber with fume aspiration system	
\checkmark Heating system for processing chamber lid to avoid condensation	
\checkmark Processing with conventional reagents (xilene and alcohol) or with substitutes	
\checkmark Reagent management and quality control system RMS $$ (Reagent Management System)	
\checkmark Partial load of the reagent in the processing chamber based on the sample baskets inserted	
\checkmark WCC (Wax Cleaning Cycle) automatic system for clearing and purifying the paraffin	
\checkmark PWD (Protected Wax Dumping) function for the automatic internal drain of the exhaust paraffin	
\checkmark EWD (External Wax Dumping) function for the automatic external drain of the exhaust paraffin	
\checkmark Active carbon filters effective for the formaldehyde filtration	
√ Up to 18 programmable processing protocols	
√ Quick start of the most used protocols	
V Reverse processing program and 4 purge cycle programs	
\checkmark Graph of the performer processing protocols with alarm list, temperature and pressure indication	
✓ Ability to download data via a USB key or intranet / internet connection	
✓ Operator password management with access level	
V Remote Alarm	
√ Remote control for technical service via Internet	

EFTP model (906004) features

EHE (Enhanced Heat Exchanger) system capable of heating the reagents during transfer into the processing chamber, capable of significantly reducing of processing times

Optional Features

\checkmark PLUSM reagent identification system with RFID / NFC technolo	gy (Option 906030)
\checkmark Identification system for reagents and baskets with barcode id	entification (Option 906060)
 External UPS with SRR (Safe Reagent Recovery) system for sto event of a power failure (Option 3UPS001-3UPS002) 	ring samples in a reagent chosen by the operator in the
Connect to any Laboratory Information System (LIS) for sampl (Opzione 906050-906059)	e and reagent quality tracking





PLUS system for identification of reagents with RFID / NFC technology (Option 906030)

The only tissue processor capable to prevent errors during the management/substitution of the processing reagents.

A software procedure guides the operator during reagent maintenance, informing when it is necessary to replace the reagent for exceeding the limits set by the operator.

The exclusive system equipped with 12 RFID / NFC sensors physically checks the presence / absence of each reagent tank and in the case of use of factory-prefilled reagents, it is also possible to check the type of reagent present in each tank.



PLUSM system caracteristics

PLUSM reagent identification system with RFID / NFC (Near Field Communication) technology equipped with a sensor for each reagent tank (12 sensors) capable of detecting the presence / absence of each tank and its correct position in the reserved slot, backlighting of each tank with 3 different colors related to the quality of the reagent.

(Option 906030)

It can be programmed in 2 modes:

RFID 1 = Management of the tanks loaded in the laboratory RFID 2 = Management of the tanks pre-filled in the factory





Tissue processor configuration

ETP

Vacuum Tissue Processor 360/450 samples (Code: 906003)





EFTP

Fast Tissue Processor 360/450 samples (Code: 906004)

PLUSM Plus module: integration with RFiD/NFC system for each reagent tank (12 sensors) (Code 906030)

ALTERNATIVELY

BRSW + BRG Barcode reader software (for reagent and/or basket identification) (Code 906060) Barcode reader gun (Code: 3BCR01)

UPS 230V -1350W for ETP (Code: 3UPS01)

UPS 230V -1980W for EFTP (Code: 3UPS02)

OLIS Connection with LIS system (Code: 906059)

RSSW Remote Service software Licence (Code: 906061)

Process Start and Run

Most Used Process Function Easy End of Process Setting

Reagent Level Check Partial Reagent Load Samples Baskets Check

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

Reagent Quality Check

Process Editing

Simple	
Clear	
Easy	
Intuitive	

18 Process available

Drag & Copy Function Copy Process Function Controlled Field Value

Remote Fill & Drain

To change the reagents easily without removing tanks

Reagent Quality Check Easy and Intuitive HMI RFD connected with RMS

Fast and Fully Automated

2 Ports for Reagents 1 Port for Paraffin

Operator management with access levels customized

The instrument is equipped with a password system that allows you to restrict access to all main functions.

- It allows you to identify up to 13 operators.
- Each of the 13 operators can be enabled / disabled to use the main functions of the instrument

		Liser Configuration	<u> </u>
	admin		
-		User Map Configuration	
13	Technician 2	Start Process	
	Technician 3	Edit Protocol	
	Name4	Abort Process	
	UI 🔒 Name5	RMS actions	
	Name6	RMS Setup	
	Name7	Remote Sill/Drole	
	Name8		
	Name9	Parameters Setup	
WAT			
		Start Purge	
	Name11	SETUP EXIT	
	Name12		
CR CE			

TISSUE PROCESSORS

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