

TISSUE PROCESSORS



TISSUE PROCESSORS

A tissue Processor is a device that is used to prepare tissue samples by staining, fixing, dehydrating, or decalcifying and embedding them in paraffin. The tissue processing process involves a series of steps that are fixation of tissue by fixation solution dehydrating it by transferring it through an alcohol solution and then embedding it into paraffin wax after removing the alcohol. It allows them to be cut into thin sections for microscopic analysis.

Used in Clinical and Research Histopathology.
Also known as Tissue Embedding Cassettes.

LTHIS10-1 TISSUE PROCESSOR

The model set a new standard for specimen quality and reliability in automated tissue processing. designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of tissue. It has a capacity of 300 cassettes. Straight forward routine user operations and a variety of 'Smart' features improves specimen quality and laboratory economy.



SPECIFICATIONS

Model	LTHIS10-1
Capacity	300 cassettes 172kg
Nominal voltage	AC220V
Nominal frequency	60 Hz
Main fuses	10 A
Nominal power	1000 VA
Dry weight, unpacked	approx. 100 kg
Weight, packed	130 kgs/ 165kgs/172kgs
Operating temperature range	15 °C to 35 °C
Relative humidity	10 % to 80 %, non-condensing

LTHIS10-2 TISSUE PROCESSOR

It has a capacity of 200 cassettes, set a new standard for specimen quality and reliability in automated tissue processing. designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of tissue. Straight forward routine user operations and a variety of 'Smart' features improves specimen quality and laboratory economy.



SPECIFICATIONS

Model	LTHIS10-2
Capacity	200 cassettes 165kg
Nominal voltage	AC220V
Nominal frequency	60 Hz
Main fuses	10 A
Nominal power	1000 VA
Dry weight, unpacked	approx. 100 kg
Weight, packed	130 kgs/ 165kgs/172kgs
Operating temperature range	15 °C to 35 °C
Relative humidity	10 % to 80 %, non-condensing

LTHIS10-3 TISSUE PROCESSOR

It has a capacity of 100 cassettes, set a new standard for specimen quality and reliability in automated tissue processing. designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of tissue. Straight forward routine user operations and a variety of 'Smart' features improves specimen quality and laboratory economy.



SPECIFICATIONS

Model	LTHIS10-3
Capacity	100 cassettes 130kg
Nominal voltage	AC220V
Nominal frequency	60 Hz
Main fuses	10 A

Nominal power	1000 VA
Dry weight, unpacked	approx. 100 kg
Weight, packed	130 kgs/ 165kgs/172kgs
Operating temperature range	15 °C to 35 °C
Relative humidity	10 % to 80 %, non-condensing

LTHIS10-4 SPIN VACUUM TISSUE PROCESSOR

Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and reliable work. Tissue basket relocating controlling perch enabling the tissue to be put in any jar. Electricity protection and obstacle protection functions. Agitation dehydrate mode 10 achieve good dehydrate effect. Large LCD screen showing every step of processing and easy for monitoring. Timing delay timing max 99 days 99 hours 59 mins. Constant temperature controlling system adopted on the paraffin jar to ensure high precision of

temperature controllong . Internal surface oxidation treatment. It can be equipped with power supply according to user requirements, and can operate for 4-16

hours for other functions besides wax bath after power failure to ensure the safety of the

Organization.



SPECIFICATIONS

Model	LTHIS10-4
Option	2 basket loading
Capacity	max 90 cassettes
Temperature of wax container	60-99 °C
Battery backup	4 hours (Optional)
Programmable infiltration time	99 h 59 min per station , delayed start , 99 days , 99 hs ,59 mins
Programs Number	10, selectable
Vaccum device pressure	max 0.05 Mpa (approx 0.5 bar)
Standard tissue baskets size	Φ 130x110 mm
Number 1	(2 optional)
Net weight	80 kg
Instrument dimension	Φ780 mm x height 570 mm-690 mm
Nominal voltage	AC 220 V 50 Hz / AC 110 V 50 HZ
Nominal frequency	50 Hz
Power	400 ~ 500 W

LTHIS10-5 SPIN TISSUE PROCESSOR

Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and

reliable work. If lose electric give an alarm,protecting tissue in liquid,obstache,protect function and so on. Adopting agitation dehydrate mode,so tissue and solvent,paraffin meet,thereby well effect. Time setting range It can be turned on any day or every day, the working time of each cylinder

can be up to 999 minutes, the minimum is 1 minute for the 1st and 12th cylinders, and the

minimum is 0 for the rest. Adopting 9 slices 1.2Lmedicine aquarium,at any moment observe tissue change at work. It can be equipped with power supply according to user requirements, and can operate for 4-16

hours for other functions besides wax bath after power failure to ensure the safety of the

Organization



SPECIFICATIONS

Model	LTHIS10-5
Steps of processing tissue	12 steps
Glass container	Quantity — 9 capacity — 1.2 L
Wax cup	Quantity — 3 capacity — 1L.
Temperature range	60-99 °C (can be designed according to user requirements)
Process	Each cup working hours — 0~59 hr 59 min.
Conditions of use Ambient temperature	+5°C ~ 40
Conditions of use Ambient humidity	< 85 % (at 20 ± 5 °C)
Vetically reciprocative motion of tissue basket	3 times / min
Tissue basket specification Barrel tissue basket	∅ 95x100 mm
Layer nacelle	∅ 95x80 mm Five layers
Power	400~500 W
Rated voltage	AC 220 V 50 Hz /AC 110 V 50 Hz

LTHIS10-6 DOUBLE BASKET TISSUE PROCESSOR

This machine can run both single hangingbasket and double basket, one dehydrator is equivalent to two hanging baskets. Large LCD touch screen, all English menu, simple and clear operation. Adopt intelligent program control technology to protect equipment and specimens. Intelligent separate protection specimen in case of failure. When the dehydrator fails before the anhydrous alcohol cylinder, the tissue is protected in the fixed cylinder. when the dehydrator fails before the paraffin cylinder and after the anhydrous alcohol cylinder, the tissue is protected in the anhydrous alcohol cylinder; when the hanging basket fails in the paraffin cylinder dehydrator, the tissue is protected in the paraffin cylinder. Adopt new water heating mode, low pressure contactless temperature control technology, more safe.Reagent cylinder can be fully heated to avoid the effect of dehydration due to the difference of temperature in winter and summer.



SPECIFICATIONS

Model	LTHIS10-6
Volume of individual reagent containers	2000 ml
Number of reagent containers	14
Hanging basket filtrate	Time can be adjusted arbitrarily
Number of dehydrated tissues	More than 200
Processing time in a single container	0 ~ 99 hours adjustable
Power supply	AC 220 V \pm 10 % 50 Hz
Power	\leq 1500 W

LTHIS10-7 AUTOMATIC TISSUE PROCESSOR

With 16 sets of editable programs, intelligent operation and operation. Add specimens at any time during the running of the program; you can switch the paraffin bath to warm the wax at any time. Real-time display of program content, heating status, set temperature, real-time temperature and other operating status. The surface of the machine body adopts APS static electricity, spraying process, high strength, corrosion resistance, streamlined appearance and easy to clean. The order of the baskets can be set according to actual needs. There are three sets of temperature control systems to ensure that one set is in normal use and twosets are on standby. Real-time display of temperature during operation.



Product Image Coming Soon

SPECIFICATIONS

Model	LTHIS10-7
Liquid cylinders	12 (3 of which are wax cylinders)
Single cylinder volume	2200 ml
Drip retention time	adjustable from 5 to 999 seconds
Single cylinder working time	arbitrarily set within 0 - 24 hours
Temperature setting	0-99 °C arbitrary setting
Starting time of the cylinder	45 - 120 seconds
Organization protection cylinder position	5 cylinder – 7 cylinder
Mixing times	3 times / minute
Power supply	AC 220 V \pm 10 %, 50Hz \pm 10 %

LTHIS10-8 AUTOMATIC TISSUE PROCESSOR

Based on different tissues, several running programs available for customers. Double-control heat without water. Self-provided power supply can ensure to continue 6 hours' working even if the electricity has been cut off. With transmission of gear and rack, mechanical failures can be reduced. Several standby programs available



Product Image Coming Soon

SPECIFICATIONS

Model	LTHIS10-8
Tanks	12 Tanks (3 wax Tanks in the end)
Capacity of single tank	1500 ml
Basket can hold	75 specimens
Single-tanks processing time	Randomly set within the range from 0 to 99 hour(s).
The temperature of wax cylinder	Can be randomly set within the range of 99°C
Time for cylinder to be lifted	38 seconds
Tissue-protection cylinder sequence	7th cylinder
Times of mixing per minute	3 times

LTHIS10-9 AUTOMATIC TISSUE PROCESSOR

Prompt judge and automatic processing in case of abnormal condition, which can prevent the tissue from being damaged.

Double-control heat without water. Based on different tissues, several running programs available for customers. With transmission of gear and rack, mechanical failures can be reduced. Several standby programs available.



SPECIFICATIONS

Model	LTHIS10-9
Tanks	12 Tanks (3 wax cylinders in the end)
Capacity of single- tanks	1000 ml
Basket can hold	60 specimens
Single tanks processing time	set arbitrarily in the range of 0 to 99 hour(s)



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