



TISSUE PROCESSOR

TISSUE PROCESSOR BHM1L1

AUTOMATIC TISSUE PROCESSOR



1. English menu, man-machine interaction, simple operation. Prompt judge and automatic processing in case of abnormal condition, which can prevent the tissue from being damaged.
2. Double-control heat without water
3. Based on different tissues, several running programs available for customers
4. Self-provided power supply can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder

SPECIFICATIONS

Model	BHM1L1
Old Model	BHTP-309
Number of tanks	12 tanks (3 wax cylinders in the end)
Capacity of single tank	1000 ml
Cylinder start dwell time	45~100 seconds
Basket capacity	60 specimens
Single-tank processing time	0~99 hours, arbitrarily set
Stirring times	0~5 times/minute (3 times/minute is best)
Net Weight	60 kg
Dimensions	1010*390*450 mm
Package Info	
--Packing	Wooden Case
--Gross Weight	85 kg
--Package Dimensions	1140*560*580 mm
Alt Name	Automatic Tissue Processor

ITEMS INCLUDED

No	Name	Unit
1	Reagent bottle	9 pcs
2	Tissue basket	1 pc
3	Exhaust pipe	1 pc
4	Tissue cassette	20 pcs
5	Fuse (5A)	2 pcs
6	Power line	1 line

ACCESSORIES FOR PURCHASE

No	Name
1	Extra Tank
2	Tissue basket

FEATURES

1. English menu, man-machine interaction, simple operation. Prompt judge and automatic processing in case of abnormal condition, which can prevent the tissue from being damaged.
2. Double-control heat without water
3. Based on different tissues, several running programs available for customers
4. Self-provided power supply can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder to wait. High degree of intelligence
5. Environment friendly: The air as purified through internal circulation can be exhausted off the window.
6. With transmission of gear and rack, mechanical failures can be reduced.
7. With 16 sets of editable programs, intelligent operation and operation.

TISSUE PROCESSOR BHM1K1

AUTOMATIC TISSUE PROCESSOR



1. English menu, man-machine interaction, simple operation.
2. Double-control heat without water
3. Based on different tissues, several running programs available for customers
4. Self-provided power supply can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder to wait. High degree of intelligence.
5. Environment friendly: The air as purified through internal circulation can be exhausted off the window.

SPECIFICATIONS

Model	BHM1K1
Old Model	BHTP-308
Number of Tanks	12 tanks (3 wax tanks in the end)
Capacity of single tank	1500 ml
Basket capacity	75 specimens
Single-tank processing time	0~99 hours, randomly set
Wax cylinder temperature	Up to 99 °C
Cylinder start dwell time	45~100 seconds
Tissue-protection cylinder sequence	7th cylinder
Stirring times	0~5 times/minute (3 times/minute is best)
Net Weight	67 kg
Dimensions	1130*400*500 mm
Package Info	
--Packing	Wooden Case
--Gross Weight	100 kg
--Package Dimensions	1260*570*640 mm
Alt Name	Automatic Tissue Processor

ITEMS INCLUDED

No	Name	Unit
1	Tanks	12 pcs
2	Tissue basket	1 pc
3	Exhaust pipe	1 pc
4	Tissue cassette	20 pcs
5	Fuse (5A)	2 pcs
6	Power line	1 line

ACCESSORIES FOR PURCHASE

No	Name
1	Extra Tank
2	Tissue basket

FEATURES

1. English menu, man-machine interaction, simple operation.
2. Double-control heat without water
3. Based on different tissues, several running programs available for customers
4. Self-provided power supply can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder to wait. High degree of intelligence.
5. Environment friendly: The air as purified through internal circulation can be exhausted off the window.
6. With transmission of gear and rack, mechanical failures can be reduced.
7. The surface of the machine body adopts APS static electricity, spraying process, high strength, corrosion resistance, streamlined appearance and is easy to clean.
8. There are three sets of temperature control systems to ensure that one set is in normal use and two sets are on standby. Real-time display of temperature during operation
9. With 16 sets of editable programs, intelligent operation and operation.

TISSUE PROCESSOR BHM1J1

AUTOMATIC TISSUE PROCESSOR



1. English menu, man-machine dialogue, easy to operate.
2. With 16 sets of editable programs, intelligent operation and operation.
3. Power failure protection function, automatically switch to the built-in power supply after power failure, it can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder to wait. High degree of intelligence, also configure high-power battery, to ensure that the program is completed in one time.
4. Add specimens at any time during the running of the program; you can switch t

SPECIFICATIONS

Model	BHM1J1
Old Model	BHTP-307
Number of liquid cylinders	12 (3 of which are wax cylinders)

Single cylinder volume	2200 ml
Basket capacity	125 specimens
Single cylinder working time	0~24 hours, arbitrarily set
Temperature setting	0~99 °C, arbitrary setting
Cylinder start dwell time	45~100 seconds
Organization protection cylinder position	Cylinder position 7
Stirring times	0~5 times/minute (3 times/minute is best)
Power supply	AC220V ±10%, 50Hz ±10%
Power	≤500W
Net Weight	82 kg
Dimensions	1250*410*560 mm
Package Info	
--Packing	Wooden Case
--Gross Weight	107 kg
--Package Dimensions	1330*540*740 mm
Alt Name	Automatic Tissue Processor

FEATURES

1. English menu, man-machine dialogue, easy to operate.
2. With 16 sets of editable programs, intelligent operation and operation.
3. Power failure protection function, automatically switch to the built-in power supply after power failure, it can continue to operate for 4 to 6 hours during a power outage. The tissue protection cylinder can be automatically operated after a power outage. Does not contain heated paraffin. If the temperature of the heated wax cylinder does not reach the set temperature, the tissue will not enter the wax cylinder and return to the protection cylinder to wait. High degree of intelligence, also configure high-power battery, to ensure that the program is completed in one time.
4. 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.
5. The scheduled boot time can be set at any time according to the needs of the work.
6. The surface of the machine body adopts APS static electricity, spraying process, high strength, corrosion resistance, streamlined appearance and easy to clean.
7. Fully sealed dehydration operation, external exhaust device ensures a green and environmentally friendly working environment.
8. There are three sets of temperature control systems to ensure that one set is in normal use and two sets are on standby. Real-time display of temperature during operation
9. Heating status at a glance, temperature control accuracy $\pm 1^{\circ}\text{C}$
10. Automatic switch machine can set the time arbitrarily within one year.

TISSUE PROCESSOR BHM1D1

SPIN TISSUE PROCESSOR



1. Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and reliable work.
2. The starting cylinder can be set and has the function of customizing the cylinder position
3. If Have optional function that can provide power -off protection (UPS).
4. Adopting agitation (vacuum) mode for dehydration.
5. Screen showing information is English,easy to use.
6. 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
7. Wax jar adopt constant temperature control system. Temperature precision high:defend

SPECIFICATIONS

Model	BHM1D1
Old Model	BHTP-305
Steps of processing tissue	12 steps
Glass container	9 pcs, 1.2 L each
Wax cup	3 pcs, 1 L each
Temperature range	60-99°C
Processing time	0-59 hr 59 min
Conditions of use Ambient conditions	Ambient temp: +5°C ~ 40°C; Humidity: <85% (at 20±5°C)
Vetical reciprocative motion of tissue basket	3 times/min
Tissue basket specification	Φ95 x 100 mm
Layer nacelle	Φ95 x 80 mm, 5 layers
Power	400-500 W
Rated voltage	AC220V 50Hz / AC110V 50Hz
Net Weight	53 kg
Instrument Dimensions	670 x 550 x 680 mm
Package Info	
--Package	Wooden Case
--Package Dimensions	750 x 760 x 700 mm (machine), 600 x 400 x 550 mm (tanks)
--Gross Weight	100 kg
Alt Name	Spin Tissue Processor

ITEMS INCLUDED

No	Name	Unit
1	Reagent bottle	9 pcs
2	Paraffin wax tank	3 pcs
3	Wax tank connection line	3 pcs
4	Tissue basket	1 pc
5	Tissue cassette	20 pcs
6	Hexagonal Wrench	1 pc
7	Screwdriver	1 pc
8	Fuse	2 pcs (5A)
9	Power line	1 line

ACCESSORIES FOR PURCHASE

No	Name
1	Vacuum
2	Extra paraffin tank
3	Extra reagent tank

FEATURES

1. Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and reliable work.
2. The starting cylinder can be set and has the function of customizing the cylinder position
3. If Have optional function that can provide power -off protection (UPS).
4. Adopting agitation (vacuum) mode for dehydration.
5. Screen showing information is English,easy to use.
6. 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

7. Wax jar adopt constant temperature control system. Temperature precision high: defend pollution.
8. Adopting 9 slices 1.2L medicine aquarium, at any moment observe tissue change at work.
9. There are 10 programs selectable
10. It can be equipped with power supply according to user requirements, and can operate for 4-6 hours for other functions besides wax bath after power failure to ensure the safety of the organization
11. Anti-collision stopping device for hanging basket.

TISSUE PROCESSOR BHM1C1

SPIN TISSUE PROCESSOR (VACUUM)



1. Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and reliable work
2. The starting cylinder can be set and has the function of customizing the cylinder position
3. Have optional function that can provide power -off protection (UPS).
4. Adopting agitation (vacuum) mode for dehydration.
5. Large LCD screen showing every step of processing and easy for monitoring, 160*90mm (7inch)
6. Timing : The configurable delay time is 30 days
7. 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

SPECIFICATIONS

Model	BHM1C1
Old Model	BHTP-304
Carousel type	12 stations (9 reagent, 3 wax)
Basket loading	Two basket loading
Capacity	2.3 L reagent, 1.8 L wax paraffin
Temperature of wax container	60-99°C
Material & capacity	Metal baskets up to 100 cassettes
Stirring interval	1 min every 5 min
Battery backup	4 hrs (optional)
Ergonomic control panel	Foil-protected keyboard & LCD
Infiltration programmable	Separate per station
Editing during run	Yes
Programmable infiltration	30 days per station, delayed 30 days
Programs selectable	10 selectable
Vacuum pressure	Max 0.05 MPa (0.5 bar)
Standard tissue basket size	Φ130x110 mm
Basket number & capacity	1 (2 optional), max 90 cassettes
Instrument dimension	Φ780 x H 570-690 mm
Nominal voltage	AC220V 50Hz / AC110V 50Hz
Nominal frequency	50Hz
Power	400-500 W
Net Weight	70 kg
Instrument Dimensions	780 x 570 x 690 mm
Package Info	
--Package	Wooden Case

--Package Dimensions	880 x 880 x 800 mm (machine), 620 x 410 x 530 mm (tanks)
--Gross Weight	110 kg (150 kg with bubble goods)
Alt Name	Spin Tissue Processor (Vacuum)

ITEMS INCLUDED

No	Name	Unit
1	Reagent bottle	9 pcs
2	Paraffin wax tank	3 pcs
3	Paraffin wax tank connection line	3 pcs
4	Tissue basket	1 pc
5	Tissue cassette	20 pcs
6	Hexagonal Wrench	1 pc
7	Screwdriver	1 pc
8	Fuse	2 pcs (5A)
9	Power line	1 line

ACCESSORIES FOR PURCHASE

No	Name
1	Extra paraffin tank
2	Extra reagent tank

FEATURES

1. Adopt Japan Mitsubishi PLC to control the whole working process, easy to operate, stable and reliable work
2. The starting cylinder can be set and has the function of customizing the cylinder position
3. Have optional function that can provide power -off protection (UPS).
4. Adopting agitation (vacuum) mode for dehydration.
5. Large LCD screen showing every step of processing and easy for monitoring, 160*90mm (7inch)
6. Timing : The configurable delay time is 30 days
7. 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
8. Constant temperature controlling system adopted on the paraffin jar to ensure high precision of temperature controller . Internal surface oxidation treatment.
9. There are 10 programs selectable
10. It can be equipped with power supply according to user requirements, and can operate for 4-6 hours for other functions besides wax bath after power failure to ensure the safety of the organization
11. Anti-collision stopping device for hanging basket.

TISSUE PROCESSOR BHM1E1

DOUBLE BASKET TISSUE PROCESSOR



1. This machine can run both single hanging basket and double basket, one dehydrator is equivalent to two hanging baskets;
2. Large LCD touch screen, all English menu, simple and clear operation;
3. 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;
4. Adopt new water heating mode, low pressure contactless temperature control technology, more safe.Reagent cylinder can be fully heated to avoid the effect of

SPECIFICATIONS

Model	BHM1E1
Old Model	BHTP-306
Volume of individual reagent containers	2000 ml
Number of reagent containers	14 pcs
Hanging basket filtrate time	Time can be adjusted arbitrarily
Number of dehydrated tissues	About 200 pcs (100 pcs in a single hanging basket)
Processing time in a single container	0~99 hours adjustable
Power supply	AC220V ±10%, 50Hz
Power	500W
Net Weight	116 kg
Dimensions	1300*600*600 mm
Package Info	
--Packing	Wooden Case
--Gross Weight	173 kg
--Package Dimensions	1380*680*740 mm
Alt Name	Double Basket Tissue Processor

FEATURES

1. This machine can run both single hanging basket and double basket, one dehydrator is equivalent to two hanging baskets;
2. Large LCD touch screen, all English menu, simple and clear operation;
3. 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;
4. 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.
5. The new generation environmental protection design idea, adopts the dual purification function, and matches with the full seal internal circulation filtration, guarantees the operator not to be harmed by the harmful gas.
6. The "self-checking" item is displayed on the operating screen of the dehydrator, which has the function of preventing the abnormal protection of the card cylinder, and can display the running state and various functions in real time.
7. Power failure protection, in the state of sudden power failure, maintain program memory, and complete the whole process of dehydration (can maintain more than 16 hours of normal operation).
8. Can set the hanging basket stay filtrate time and the hanging basket oscillation times of the design of the starting cylinder filtrate, to avoid the former cylinder reagent into the latter cylinder caused by mixing.

9. Reasonable setting of single cylinder cover and elastic sealing technology to avoid reagent volatilization.
10. Small specimens can be added at any time; Flexible programming, different tissues can start from any solution container to the end of any solution container, to obtain the best dehydration effect of different tissues;
11. Adopt international popular synchronous tooth belt, digital program control positioning, make the operation more accurate.
12. The steel linear guide rail is used to fit the step motor to make the operation more accurate.
13. Hanging basket take-off and landing back using two-column two-dimensional soft transmission mechanism, transmission stability, no noise, no hard wear;
14. Can set up 24 sets of operating procedures, imported core chip, powerful, no external magnetic field interference.
15. Remote alarm system, failure, dehydrator can automatically dial the operator's phone, so that you can know at any time whether the equipment is safe operation;
16. Has the intelligent key function (does not look at the screen also can operate), when the display screen does not display and the touch function damage, the dehydrator main function may operate normally;

TISSUE PROCESSOR BHM1B1 BHM1B2 BHM1B3

CLOSURE TISSUE PROCESSOR



1. This machine is an automated tissue processor with a beautiful appearance, unique design and technological innovation. When processing specimens, you can choose heating, pressurizing, vacuum, normal pressure and other modes to meet the processing of various types of specimens.
2. Working and resting are in a fully sealed state, which can effectively avoid the volatilization and loss of reagents, reduce operating costs, and create a clean working environment.
3. When processing specimens, the specimens are in a fully sealed state, and the fluid is changed without changing the cylinder, which subverts the traditional dehydration mode and effectively avoids tissue damage. There is no danger of specimen damage caused by power outages, cylinder jams or other mechanical failures of traditional dehydrators.

SPECIFICATIONS

Model	BHM1B1	BHM1B2	BHM1B3
Reagent bottle capacity	2.3 L	3.2 L	4.8 L
Retort volume	3.8 L	5.3 L	6.8 L
Wax cylinder volume	2.6 L	4.3 L	5.5 L
Reagent temperature range	30-65 °C		
Wax bath temperature	50-70 °C		
Stirring time	0-5 minutes		
Stirring time interval	10 minutes		
Operation mode	Manual and Automatic		
Input power	1000 W		
Power supply voltage	220V 50Hz		
Net Weight	98 kg	123 kg	130 kg
Dimensions	550x600x1180 mm	625x700x1250 mm	
Package Info			
--Packing	Wooden Case		
--Gross Weight	130 kg	165 kg	172 kg
--Package Dimensions	700x680x1390 mm	800x740x1460 mm	
Alt Name	Closure Tissue Processor		

ITEMS INCLUDED

No	Name	Unit
1	Tissue Basket	1 pc
2	Reagent Bottle	17 pcs
3	Fuse (10A)	2 pcs
4	Power line	1 line

ACCESSORIES FOR PURCHASE

No	Name
1	Tissue Basket
2	Reagent Bottle
3	Vacuum

FEATURES

1. This machine is an automated tissue processor with a beautiful appearance, unique design and technological innovation. When processing specimens, you can choose heating, pressurizing, vacuum, normal pressure and other modes to meet the processing of various types of specimens.
2. Working and resting are in a fully sealed state, which can effectively avoid the volatilization and loss of reagents, reduce operating costs, and create a clean working environment.
3. When processing specimens, the specimens are in a fully sealed state, and the fluid is changed without changing the cylinder, which subverts the traditional dehydration mode and effectively avoids tissue damage. There is no danger of specimen damage caused by power outages, cylinder jams or other mechanical failures of traditional dehydrators.
4. The tissue processing boxes can store 3.8L/5.3L/6.8L reagents. The unique software control, three-stage discharge system and special design of the processing bottle reduce the carryover of reagents.
5. Adopting a color touch screen that is easy to observe, the interface is intuitive and clear, and easy to operate.
6. This machine has a scheduled automatic operation function, which can be set to automatically start at any time on any day within 15 days.
7. After the work is completed, the machine will have sound and screen prompts.
8. The computer control system is sensitive and reliable, and has multiple sets of user programs for users to set and choose.
9. The liquid and gas circuit control systems are sensitive and reliable, and can completely evacuate the liquid in the reagent bottle.
10. With over-temperature protection function for accidental heating out of control.
11. It has a power-off protection function(optional function). After a power-off, the instrument can automatically work in sequence from the breakpoint when the power is restored.
12. Can process 126/267/356 tissue specimens each time. The special specimen processing basket is extremely convenient to pick up and place the specimen basket, and the operation can be completed with one hand.
13. Number of programs:10 programs



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com