



# TISSUE PROCESSOR

## Tissue Processor System

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### **FINK300** Closue Tissue Processor



The FINK300 set a new standard for specimen quality and reliability in automated tissue processing. Ongoing research and development work with enhanced processes and system components now reflects the latest in state-of-the-art technology. The FINK300 designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of

tissue. Proven, enhanced technology and Hisure's intuitive user interface are hallmarks of the FINK300. Straight forward routine user operations and a variety of 'Smart' features improves specimen quality and laboratory economy. Once again the FINK300 sets a new standard.

### **Technical Parameters:**

1. Nominal voltage: AC220V-240V
2. Nominal frequency: 60HZ
3. Main fuses: 10A
4. Nominal power: 1000 VA
5. Dry weight, unpacked: approx. 100 kg
6. Weight, packed: 120 kg
7. Operating temperature range: 15 °C to 35 °C
8. Relative humidity: 10 % to 80 %, non-condensing

### **Paraffin wax baths:**

9. Number of baths: 3
10. Volume (liters): 4.0 l per bath
11. Melt time: approx. 3 hrs
12. Temperature: 65 °C
13. Temperature accuracy: + 1 °C

### **Retort:**

14. Capacity: approx. 300 cassettes
15. Reagent volume (in liters): 5.3
16. Temperature (paraffin): 65 °C
17. Temperature (processing reagents): ambient or 35°C
18. Temperature (cleaning reagents): 65 °C
19. Temperature accuracy: + 1 °C
20. Filling time: 5 min
21. Drain time: 5 min

- 22. Impregnation pressure: 35 kPa (g)
- 23. Drain pressure: 35 kPa (g)

#### **General:**

- 24. Reagent bottles: 10
- 25. Cleaning solution bottles: 2
- 26. Maximum bottle volume: 4.0 l
- 27. Recirculation (pump in/out): ON/OFF
- 28. Time between cycles: 15 min

#### **Hardware and Software:**

- 29. Large color Liquid Crystal Display (LCD)
- 30. User-friendly, intelligent software.
- 31. Alarm system to reminder wrong operation and trouble
- 32. Multiple specimen protection system.

#### **Capacities:**

- 1. 15 programs that consist of up to 9 reagent and 3 paraffin wax steps.
- 2. Time per program step: 0 to 99 hours, 59 minutes.
- 3. Up to 100/200/300 cassettes can be processed simultaneously.
- 4. Wax clean program.
- 5. 10 reagent bottles.
- 6. 3 wax baths.
- 7. 2 cleaning solution bottles.
- 8. 2 condensate bottle.

#### **Accessories:**

##### Standard Setting List

- |                   |        |
|-------------------|--------|
| 1. Tissue Bakset  | 1 pcs  |
| 2. Reagent Bottle | 17 pcs |



- |               |        |
|---------------|--------|
| 3. Fuse (10A) | 2 pcs  |
| 4. Power line | 1 line |

**Optional Accessories:**

1. Tissue Basket
2. Regent Bottle

**Package Info:**

Each instrument packed Wooden Case

Ourter Case Dimensions (for machine): 1230\*700\*630 mm,

Gross Weight: 180 kg

## STAR Spin Tissue Processor (Vacuum)



### Features:

1. Microcomputer controlling of the whole operating process so as to ensure operating convenience and working stability
2. Tissue basket relocating controlling perch enabling the tissue to be put in any jar
3. Electricity protection and obstacle protection functions
4. Agitation dehydrate mode 10 achieve good dehydrate effect
5. Large LCD screen showing every step of processing and easy for monitoring
6. Timing : delay timing max 99 days 99 hours 59 mins
7. Jar processing time : Max 99 hours 59 mins timing increment : 1 min
8. Constant temperature controlling system adopted on the paraffin jar to ensure high precision of temperature controlling . Internal surface oxidation treatment.

9. There are 8 programs selectable
10. Battery backup for 8 hours except the paraffin jar
11. Adopted with electric lock and password for specific person use

### **SPECIFICATIONS:**

1. Carousel type with 12 stations, 10 reagent container, 2 wax paraffin container
2. Option: two basket loading, 3 Wax baths
3. Capacity: 2.3 L for reagent container, 1.8 L for wax paraffin container
4. Temperature of wax container: range: 45 -85
5. Tissue baskets made of metal with varying capacities of up to 100 cassettes
6. Tissue basket stirring 1 minute interval every 4 minutes inside of container
7. Battery backup 4 hours
8. Ergonomic control panel with foil – protected keyboard and LCD
9. Infiltration time separately programmable for each station
10. Easy editing and changing of programs even during a processing run
11. Programmable infiltration time : 99 h 59 min per station , delayed start , 99 days , 99hs ,59mins
12. Programs Number: 8, selectable
13. Vacuum device pressure: max 0.05 Mpa (approx 0.5 bar)
14. Standard tissue baskets : Size :Φ 120X100mm
15. Number: 1 (2 optional ), Capacity: max 100 cassettes
16. Net weight: 80 kg
17. Instrument dimension: Φ780mm X height: 570mm-690mm
18. Nominal voltage: 220V-240V Nominal frequency: 60Hz
19. Power : 800W

### **Accessories:**

#### **Standard Setting List**

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. Tisssue cassette	20 pcs
6. Hexagonal Wrench	1 pc
7. Screwdriver	1 pc
8. Fuse (5A)	2 pcs
9. Power line	1 line

Optional Accessories

Extra paraffin tank

Extra reganet tank

### Package Info:

Each instrument packed Wooden Case

Ourter Case Dimensions (for machine): 790\*790\*680 mm,

Ourter Case Dimensions ( for tanks ) : 675\*475\*550 mm,

Gross Weight: 130 kg

## WEBERIN Spin Tissue Processor



### Features:

1. Adopting computer to control whole work process,operate brief work stabilization.
2. Having exchange jar and change place control draw perch,operate agility brief.
3. If lose electric give an alarm,protecting tissue in liquid,obstacle,protect function and so on.
4. Adopting agitation dehydrate mode,so tissue and solvent,paraffin meet,thereby well effect.
5. Screen showing information is English,easy to use.
6. Time design range wide:delay time 59hr59min. Each jar working hours longest 59hr59min,Time design least distance 1 min.
7. Wax jar adopt constant temperature control system. Temperature precision high:prevent pollution.
8. Adopting 9 slices 1.2Lmedicine aquarium,at any moment observe tissue change at work.
9. According to user's need to tailor standby electrical source,after power cut it can work in great,working hours can reach 4—16hours.

## SPECIFICATIONS:

1. Steps of processing tissue: 12 steps.
2. Glass container: Quantity—9 capacity—1.2L.
3. Wax cup: quantity—3 capacity—1L.
4. Temperature range—45~85°C±3°C.
5. Process: Each cup working hours—0~59hr59min.
6. Delay process—0~59hr59min.
7. Vertically reciprocative motion of tissue basket: 3 times/min
8. Tissue basket specification: Barrel tissue basket--  $\varnothing$  95x80mm.
9. Layer nacelle---  $\varnothing$  95x80mm Five layers.
10. Weight: <60kg.
11. External dimension: (diameter)660 x (High)550 x 680(Tiptop)mm.
12. Rated voltage: 220v,50Hz.

## Accessories: Standard Setting List

- |                                       |        |
|---------------------------------------|--------|
| 13. Reagent bottle                    | 9 pcs  |
| 14. Paraffin wax tank                 | 3 pcs  |
| 15. Paraffin wax tank connection line | 3 pcs  |
| 16. Tissue basket                     | 1 pc   |
| 17. Tissue cassette                   | 20 pcs |
| 18. 6. Hexagonal Wrench               | 1 pc   |
| 19. 7. Screwdriver                    | 1 pc   |
| 20. 8. Fuse (5A)                      | 2 pcs  |
| 21. 9. Power line                     | 1 line |

## Optional Accessories: Vacuum

Extra paraffin tank

Extra reagent tank

## Package Info:

Each instrument packed Wooden Case

Outer Case Dimensions (for machine): 670\*550\*680 mm,

Outer Case Dimensions ( for tanks ) : 510\*510\*510mm, Gross Weight: 110 kg



## KUCKUCK Automatic Tissue Processor



### Product Features:

1. 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, up to 8 hours, 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 order of the baskets can be set according to actual needs.
7. The surface of the machine body adopts APS static electricity, spraying process, high strength, corrosion resistance, streamlined appearance and easy to clean.
8. Fully sealed dehydration operation, external exhaust device ensures a green and environmentally friendly working environment.
9. 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

Heating status at a glance, temperature control accuracy  $\pm 1^{\circ}\text{C}$

1. Automatic switch machine can set the time arbitrarily within one year

### **Technical Specifications:**

1. 12 liquid cylinders (3 of which are wax cylinders)
2. Single cylinder volume: 2200ml
3. Drip retention time: adjustable from 5 to 999 seconds
4. Single cylinder working time: arbitrarily set within 0-24 hours
5. Temperature setting: 0-99  $^{\circ}\text{C}$  arbitrary setting
6. Starting time of the cylinder is 45 seconds - 120 seconds
7. Organization protection cylinder position 5 cylinder-7 cylinder
8. Mixing times: 3 times / minute
9. Power supply: 220V-240V / 60Hz
10. Power:  $\leq 500\text{W}$  Product Function:

### **Package Info:**

Each instrument packed Wooden Case

Ourter Case Dimensions: 1250\*410\*560mm

Gross Weight: 128 kg

## HOATZEN Automatic Tissue Processor



### Feature:

1. English menu, man-machine interaction, simple operation.
2. Prompt judge and automatic processing in case of abnormal condition, which can prevent the tissue from being damaged.
3. Double-control heat without water
4. Based on different tissues, several running programs available for customers
5. Self-provided power supply can ensure to continue 6 hours' working even if the electricity has been cut off.
6. Environment friendly: The air as purified through internal circulation can be exhausted off the window.
7. With transmission of gear and rack, mechanical failures can be reduced.
8. Several standby programs available

## **SPECIFICATION:**

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

## **Accessories:**

### Standard Setting List

- |                         |        |
|-------------------------|--------|
| 1. Tanks                | 12 pcs |
| 2. Tissue basket        | 1 pc   |
| 3.The exhaust pipe      | 1 pc   |
| 4.Tissue cassette       | 20 pcs |
| 5. Fuse (5 A)           | 2 pcs  |
| 6. Power line           | 1 line |
| 7. Optional Accessories |        |
| 8. Extra Tank           |        |
| 9. Tissue Basket        |        |

## **Package Info:**

Each instrument packed Wooden Case

Ourter Case Dimensions: 1310\*540\*580 mm,

Gross Weight: 100 kg

## REBHUHN Automatic Tissue Processor



### Features:

1. Chinese menu, man-machine interaction, simple operation.
2. Prompt judge and automatic processing in case of abnormal condition, which can prevent the tissue from being damaged.
3. Double-control heat without water
4. Based on different tissues, several running programs available for customers
5. Self-provided power supply can ensure to continue 6 hours' working even if the electricity has been cut off.
6. Environment friendly: The air as purified through internal circulation can be exhausted off the window.
7. With transmission of gear and rack, mechanical failures can be reduced.
8. Several standby programs available

### Technical Data

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

### Accessories:

- 13. Standard Setting List
- 14. Reagent bottle                      9    pcs
- 15. 2. Tissue basket                      1 pc
- 16. 3.The exhaust pipe                      1 pc
- 17. 4.Tissue cassette                      20 pcs
- 18. 5. Fuse (5 A)                      2 pcs
- 19. 6. Power line                      1 line
- 20. Optional Accessories
- 21. Extra Tank
- 22. Tissue Basket

### Package Info:

Each instrument packed Wooden Case

Ourter Case Dimensions: 1300\*540\*560mm,

Gross Weight: 80 kg