

Tissue Processor System

MICROZZEN Close Tissue Processor STP-300



The MICROZZEN STP 300 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 MICROZZEN STP300 designed for routine clinical and research histopathology, is an innovative, smart processor for paraffin infiltration of tissue. Proven,

enhanced technology and MICROZZE'S intuitive user interface are hallmarks of the STP 300. Straight forward routine user operations and a variety of 'Smart' features improves specimen quality and laboratory economy. Once again the STP300 S sets a new standard.

Technical Parameters:

1. Nominal voltage: AC220V
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. 200 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 vacuum: -70 kPa (g)
23. Impregnation pressure: 35 kPa (g)
24. Fill vacuum: -70 kPa (g)
25. Drain pressure: 35 kPa (g)

General

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

Hardware and Software:

31. Large color Liquid Crystal Display (LCD)
32. User-friendly, intelligent software.
33. Alarm system to reminder wrong operation and trouble
34. 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 Basket | 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

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

Gross Weight: 180 kg