

## Technical Specifications



Combination 1: One paraffin reservoir connects one embedding module and one cryo console.

- 1、 Capacity of Tissue Tray:  
150pcs standard cassettes or 1 pc processor basket of AMOS with 100pcs standard cassettes )
- 2、 Capacity of Embedding Mold Tray: 400pcs.
- 3、 Capacity of Storage Tray:  
300pcs standard cassettes or 2 pcs processor basket of AMOS with 100pcs standard cassettes )
- 4、 Paraffin reservoir: 10L
- 5、 Temperature Range:  
Paraffin Reservoir: ambient ~ 90°C, increment 1°C  
Tissue tray: ambient ~ 90°C, increment 1°C  
Embedding mold tray:  
ambient ~ 90°C, increment 1°C  
Storage tray: ambient ~ 90°C, increment 1°C  
Working Area:  
ambient ~ 90°C, increment 1°C ( include Forceps holder and Paraffin Trimmer )  
Cold Spot: ambient ~ - 5°C
- 6、 Maximum flow of wax outlet: 400ML/ Minute
- 7、 Power: < 1350W
- 8、 Voltage:  
220V ± 10% 50Hz or 110V ± 10% 60Hz
- 9、 Dimensions:  
1260mm × 640mm × 520mm ( L × W × H )
- 10、 Weight : 50Kg about



Combination 2: two embedding modules and 2 cryo consoles are placed at right and left side of one paraffin reservoir.

- 1、 Capacity of Tissue Tray:  
300pcs standard cassettes or 2 pcs processor basket of AMOS with 200pcs standard cassettes )
- 2、 Capacity of Embedding Mold Tray: 800pcs
- 3、 Capacity of Storage Tray:  
600pcs standard cassettes or 4 pcs processor basket of AMOS with 100pcs standard cassettes )
- 4、 Paraffin reservoir: 10L
- 5、 Temperature Range:  
Paraffin Reservoir: ambient ~ 90°C, increment 1°C  
Tissue tray: ambient ~ 90°C, increment 1°C  
Embedding mold tray:  
ambient ~ 90°C, increment 1°C  
Storage tray: ambient ~ 90°C, increment 1°C  
Working Area:  
ambient ~ 90°C, increment 1°C ( include Forceps holder and Paraffin Trimmer )  
Cold Spot: ambient ~ - 5°C
- 6、 Maximum flow of wax outlet: 400ML/ Minute
- 7、 Power: < 2200W
- 8、 Voltage:  
220V ± 10% 50Hz or 110V ± 10% 60Hz
- 9、 Dimensions:  
2220mm × 640mm × 520mm ( L × W × H )
- 10、 Weight: 80Kg about

# AMOS

SCIENTIFIC

## AEC 380

### EMBEDDING CENTER

BETTER HISTOLOGY SOLUTION  
BETTER LIFE FROM HEALTH



- The embedding capacity is doubled – globally innovative single/dual work mode.
- Extra–large paraffin storage capacity – globally innovative independent split–type central control paraffin reservoir (10L).
- Ample, flexible storage space – multi–zone, large capacity, removable, and interchangeable storage trays (for cassettes/embedding molds, freely arrange according to your preference).





Embedding Module



Working Area



AEC 380  
Embedding System



Paraffin Reservoir



Cold Spot



Paraffin Trimmer

## Key Features

- This product is controlled via a touchscreen, offering precise control and simple operation.
- It has automatic heating and automatic sleep functions. The automatic heating and sleep times for each day of the week can be set separately according to your needs. These settings can be saved, reused, and modified.
- To meet the needs of large-capacity embedding work, both sides of the paraffin reservoir can accommodate embedding modules. These two modules can be controlled separately and can perform embedding operations simultaneously.
- It adopts a six-path heating and temperature control system.
- It integrates tissue embedding, cold spot, and paraffin trimmer into one unit, allowing respective operations to be carried out sequentially on this device.
- The paraffin outlet of this product is controlled by an electromagnetic valve, and paraffin flow operations can be performed manually or via a foot pedal switch.
- The forceps holder is temperature-controlled, and the paraffin inside can be automatically discharged, effectively removing paraffin adhering to the tips of the forceps.
- The embedding mold storage tray is temperature-controlled, which helps melt the paraffin adhering to the embedding mold, facilitating the reuse of embedding molds.
- The brightness of the LED light at the embedding site can be freely adjusted according to the needs of the operator.
- The magnifier is installed with a metal hose, allowing flexible adjustment of the magnifier position according to the needs of the operator.
- During embedding, the points of contact between the operator's hands and the embedding module are made of non-metallic materials to avoid discomfort caused by contact with heated parts during operation.

## Cryo Console



## Key Features

- Precise temperature control and fast cooling speed.
- The large workbench can store up to 80/48 cassettes without/with embedding molds.

## Technical Parameters

- Temperature range: from +15°C to -15°C, in increments of 1°C
- Rated Power: 330W
- Voltage/Frequency: 220V ± 10% 50Hz or (110V ± 10% 60Hz)
- Dimensions: 410mm × 600mm × 410mm  
Weight: 24kg