

EM Pro



The productivity tool for the busy Electron Microscopy Laboratory

If you are embedding three or more times per week you cannot afford to process by hand! The EM Pro uses a proven robotics system to move baskets of tissue specimens from one vial to the next, with the time, agitation, and temperature you desire.

FEATURES

- **Easy touchscreen programming:** Integrated 7-inch HD touchscreen with 4 memory presets and the ability to store over 100 unique programs
- **Sealed system with active exhaust:** Vial caps prevent the escaping and gradual depletion of chemical volume. Operating outside a fume hood is possible using the included active fan exhaust extension system.
- **Economical!** Only small volumes of reagents are needed for each vial.
- **Complete with two specimen holder systems:** Choose between the traditional stack rings or multi-compartment baskets. Stack rings are ideal for larger samples or groups, while compartmentalized baskets enable simultaneous processing of different specimen types.
- **Programmable Agitation:** Set the frequency which best meets your sample requirements.

SPECIFICATIONS

- Number of programs: Over 100.
- Interface: HD Touch screen.
- Specimen Agitation: Specify specimen agitation frequency.
- Specimen Temperature: Peltier controlled (5°C to 40°C).
- Active Cooling: Heat-sink components with continuous air flow.
- Chemical Containment: Vials are sealed before, during, and after processing steps.
- Specimen Holders : The following types are offered:
 - a) Two sizes of molded plastic baskets:
 - three specimen compartments per basket.
 - four specimen compartments per basket.
 - b) Single compartment specimen stack rings for larger samples or groups of specimens:
- Specimen Capacity: 48 specimens in four-compartment baskets or 18 specimens in three-compartment baskets or 12 sample groups or larger specimens in stack ring holders.
- Specimen Drip: After each processing step, the specimens are lightly agitated to remove excess liquid, before they are transferred into the next vial. The vials are sealed before and after the specimens are moved, preventing any drying between steps.
- Chemical Ventilation: Exhaust system continuously expels fumes from the processor. A heavy-duty extension hose allows for operation outside of a fume hood.

INCLUDES

- Luer Lock syringes
- Specimen stack rings
- Mesh screens
- Perforated basket lids
- Specimen baskets
- Processing chambers
- Reagent vials with caps
- Basket Holder
- Specimen Loading Station
- Retaining Clips
- Specimen Unload Fork

DIMENSIONS

Height: 458 mm x Width: 343 mm x Depth: 572 mm

(Height: 18 in. x Width: 13.5 in. x Depth: 22.5 in.)

35.83kg / 79lbs

VOLTAGE:

100/110/120/220/240V , 50/60 Hz

OPTIONAL ACCESSORIES AVAILABLE FOR PURCHASE**FOR SPECIMEN STACK RINGS**

- Specimen load/unload plate
- Load Fork
- Stack Carrier
- Specimen stack top
- Luer Lock Syringe
- Specimen stack ring
- Mesh screen

FOR SPECIMEN STACK RINGS

- Specimen loading station
- Basket holder assembly
- Retainer clip
- Perforated basket lid
- Large specimen baskets
- Small specimen baskets

FOR SPECIMEN STACK RINGS AND BASKETS

- Processing chamber
- Reagent vials