

# MG100 ErgoGross Elevating Workstation

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***The Most Ergonomic Grossing Station on the Market!  
Offered Exclusively by Mopec  
One of the Safest Open Air Environments Available***

# MG100 ErgoGross Elevating Workstation

## **Mopec's Next Generation Workstation**

Mopec has extended their current extensive Grossing Station line with the newest addition-The MG100 Grossing Station. The most technologically advanced workstation available today. Mopec has designed within this station the latest advanced safety measures of grossing stations along with the ergonomic comfort a histologist deserves.



### **Ergo Friendly Work Area**

Ergonomically correct, the MG100 ErgoGross Elevating Workstation allows the user to raise or lower the station to accommodate their comfort zone. This comfort zone can be as low as desk level (31-1/4") where the user can utilize a typical desk chair and work as if sitting behind a desk. If desired, the user can stand with the work surface at chest level (43-1/4") or at a tall laboratory stool. Whether you're tall, short, sitting or standing, the grossing station can be adjusted to suite the comfortable ergonomically correct height.



### **Comfort Level**

Large radius forming on the front edge provides the ultimate in comfort to the technician's forearms. Long tedious grossing procedures on small specimens now are accomplished by resting your forearm on the edge of the grossing station without dipping your arms or onto the cutting board. No more prolonged supporting of your arms and/or elbows above the cutting board. The radius on the leading edge provides the comfortable surface you deserve.



### **Safe Air Flow**

High capacity ventilation requirements allow the pathologist the unsurpassed safety deemed necessary in their working environment. The ventilation is distributed through both the back draft and down draft. In conjunction with the ventilation is a Fresh Air Supply (FAS) on the leading edge directly in front of the cutting area. This fresh air supply helps create a laminar air flow pattern and is essentially helping push fresh air over the dissecting area towards the back/down draft. Along with side safety glass panels that help protect against side drafts the air flow pattern (i.e. ventilation) is the most impressive of all open environment grossing stations. As an option, the grossing station is also available with a large front safety glass panel which will create a dissecting environment that is completely protected from room air currents and closely resembles an environmental style protection hood.



### **Customization**

The MG100 ErgoGross Elevating Workstation is a universal design. Can be utilized as a back draft, back/down draft, right hand sink or left hand sink unit. The conversion from whatever style is desired converts in minutes without tools. Provided with perforated stainless steel down draft grid plates, solid stainless steel grid plates and solid polyethylene cutting board plates, the grossing station can be configured in less than a minute from one person to another. This will also allow the station to be configured to suite the type of grossing procedure from small biopsies to large organs and/or limbs.

# MG100 Standard Features

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**Back/Down Draft Ventilation System:** The back/down draft ventilation system is the most technologically advanced system utilizing Mopec exclusive (FAS) Fresh Air System. This system connects to building ventilation system and relies on the ventilation

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capacity of the facility. No fan is provided. Pre-filter provided to help prevent large dust debris from collecting within the grossing station's duct system.

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**Style Configuration:** Provided with a solid stainless steel grid plate, perforated stainless steel grid plate, and a solid polyethylene cutting board. This allows for every conceivable configuration allowing "on the fly" configuration to accommodate grossing style or necessity.



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**Hot/Cold Water Fixture:** The water is turned on and off with just a touch anywhere on the spout or handle, making it virtually hands free. The high arc design provides easy access to rinse large specimens or fill large containers with fresh water. The Built



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in table sprayer head allows for a gentle aerated spray or a courser spray to rinse stubborn accumulation of debris. The spray head is conveniently located in the spout allowing for easy access and secure docking.

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**Inch/Centimeter Ruler:** Washable and easy to read with a special coating protecting the scale from harsh chemicals. Ruler is provided on all grid plates.



**Magnetic Tool Bar:** Conveniently mounted tool bar organizes and stores your most commonly used instruments easily within reach.

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**LED Lighting:** Bright white (3100° K) LED light with accurate color rendering has a powerful point source of light that swivels. The most energy efficient light available with no harmful ultraviolet (UV) rays. Long life LED's (up to 60,000 hours).

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**Electrical Receptacles:** Watertight ground fault circuit interrupter duplex receptacles are utilized and are mounted under the upper chamber. GFCI Type 115v-60Hz-1ph-1circuit-20amps. (2 ea.).



**Paper Towel Holder:** Designed to hold "roll" type or "C" fold (4" x10") paper towel.

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**Dissecting Board:** Constructed of durable polyethylene, this 16" x 23" x 3/4" (40.6 cm x 58.4 cm x 1.9 cm) textured dissection board ensures your specimen does not slip when performing a procedure.



**Large Rinse Sink:** Large 17" x 18" x 4" (43 cm x 45.7 cm x 10.1 cm) deep sink is integrally constructed within a universal grid plate with radius corners for easy cleaning. Drain stopper provided with stainless steel pull handle.



**Organizer Bins:** One large and one small stainless steel organizer bin. Located above the back draft ventilation grill.



**Adjustable Storage Shelf:** (4) Heavy duty stainless steel 8" x 14" (20.3 cm x 35.5 cm) storage shelving. Adjustable arms to vertically accommodate storage needs.



**Table Flushing System:** Electronically controlled flushing bar located beneath the grid plates helping to eliminate the accumulation of biological debris and residual formalin fluid/fumes. Controls are provided by and on/off switch located in the upper canopy.



**Ventilated Trash Container:** 13.5" x 8-3/4" x 13" Deep, removable, 5 gallon capacity. Self supporting, the trash container is provided with a spring activated trash chute and automatically connects to the ventilation system and can be moved within minutes from the right or left inner skirt area. Connects to grossing station ventilation system

**Cable Management:** Internal cable wire ways.

**ISO:** Quality Management System in compliance with ISO 9001:2008 and applies: Design, Engineering, Manufacturing and Installation of Equipment Distribution of Supplies for Morgue, Pathology, Histology and Necropsy Applications.

**APPROVAL:** TUV Listed & Certified: Tests to UL61010-1 :2004 standards in addition to CAN/CSA and NFPA standards. This listing covers the entire products as an entity and not just individual components.

# MG100 Optional Features



Ergonomic standing position



Lowered position



Style configuration universal fit



Outstanding ventilation



Dual function faucet spray and touch control



Ergonomic sitting position



Raised position

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# MG100 Optional Features

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**MO061 High Capacity Self Contained Exhaust System:** The air ventilation is distributed through both the back draft and down draft via a high static load fan system. In conjunction with the ventilation is a fresh air supply (FAS) on the leading edge directly in front of the cutting area. This fresh air supply helps create a laminar air flow pattern and is essential in helping push fresh air over the dissecting area towards the back/down draft. The system is provided with a pre-filter designed to remove large dust particles, a large capacity potassium permanganate formalin neutralizing filter and MERV type high efficiency exhaust filter. Along with side safety glass panels that help to protect against side drafts the air flow pattern (i.e. ventilation) is the most efficient of all open environment grossing stations.



**MO062 Safety Splash Shield:** Removable 11" x 12" Lexan® shield on flexible arm for easy positioning.



**MO063 Video Camera Arm:** Designed with a central locking knob that locks all joints simultaneously. This camera arm is the fastest arm set-up available. Located within an aluminum extrusion, the video camera arm can be located anywhere along the length of the grossing station on the upper canopy.



**MO064 Still Photography Camera Arm:** Designed with a central locking knob that locks all joints simultaneously. This camera arm is the fastest arm set-up available. Located within an aluminum

extrusion, the video camera arm can be located anywhere along the length of the grossing station just above the back draft ventilation grill.

**MO065 Formalin Collection System:** Includes collection funnel with fine particle screen, 2.5 gallon (9.5L) waste collection carboy with easy grip handles, piping to waste carboy, quick disconnects and safety caps for disposal or recycling. Formalin not included.

**MO067 Formalin Dispensing System:** Includes self priming pump, pressure switch and slide out stainless steel drawer for 2.5 (9.5L) gallon formalin cubitainer. Allows for self sealing connections.



**MO066 Literature/Form Holder:** Lexan® literature dispenser capable of holding 1" thick letter-size documents for easy handling and distribution. Three (3) tier upright dispensing.

**MO068 CPU Mounting Bracket Side Mount:** Adjustable mounting bracket for your provided CPU, keyed to mounting plate with two pins for easy installation or removal. Includes additional water tight GFCI; located opposite of sink and outside of the sink.

**MO070 Computer Monitor/Keyboard Support:** Unique support system that can be positioned over the full length of the grossing station and tilted to accommodate the technicians needs.



**MO072 LED Gooseneck Task Light:** Bright white (3100° K) LED light with accurate color rendering with powerful point source of light that swivels to direct light. The most energy efficient light available with no harmful ultraviolet (UV) rays. Long life LED's (up to 60,000 hours).



**MO073 LED Task Light Magnifiers:** Hands free poly magnifier with 4x magnification.



**MO075 Dictation Equipment Stand:** Angled surface for easy viewing of most dictation systems. Dictation stand is portable and can be placed anywhere. Stainless steel construction.



**MO076 Combination Ledge and Pencil Drawer:** Convenient pull out writing ledge and utility drawer made of stainless steel construction.

**MO085 Large Glass Front Panel**

**MO086 Stainless Steel Sink Grid Plate**

**MO087 Stainless Steel Perforated Grid Plate**

**MO088 Stainless Steel Solid Grid Plate**

**MO089 Stainless Steel Formalin Collection Grid Plate**

**MO090 Solid Polyethylene Cutting Board Grid Plate**



**BL800 Disposal:** Heavy-duty 1HP disposal, complete with on/off switch, water solenoid and vacuum breaker protection.

**SA100 Seismic Anchoring System:** Anchoring brackets only. Does not include seismic calculations.

## REPLACEMENT FILTERS

BF021 Potassium Permanganate filter for MG100

BF022 MERV type high efficiency filter for MG100

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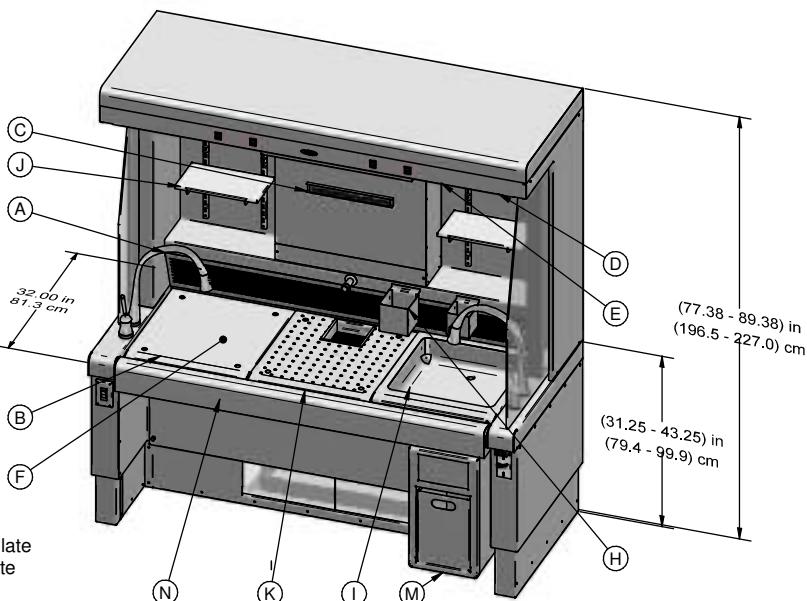
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## Optional Features MG100

- MO067 Formalin Dispensing System
- MO065 Formalin Collection System
- MO075 Dictation Equipment Stand
- MO061 Self Contained Exhaust System
- MO062 Safety Splash Shield
- MO072 LED Task Lighting
- MO073 LED Task Lighting Magnifier
- MO063 Video Camera Arm
- MO064 Photography Camera Arm
- MO066 Literature/Form Holder
- MO071 Ventilated Trash Container on Casters
- MO068 CPU Mounting Bracket
- MO070 Computer Monitor/ Keyboard Support
- MO074 Removable Writing Ledge
- BL800 1 hp Disposal
- SA100 Seismic Anchoring System
- MO076 Combo Writing Ledge & Pencil Drawer
- MO085 Large Glass Front Panel
- MO086 Stainless Steel Sink Grid Plate
- MO087 Stainless Steel Perforated Grid Plate
- MO088 Stainless Steel Solid Grid Plate
- MO089 Stainless Steel Formalin Collection Grid Plate
- MO090 Solid Polyethylene Cutting Board Grid Plate



## Standard Features MG100

- A. Hot/Cold Water Fixture with built in Table Spray
- B. Inch/Centimeter Ruler
- C. Magnetic Tool Bar
- D. LED Lighting
- E. Electrical Receptacles (2-Ea.)
- F. Dissection Board
- G. Paper Towel Holder (Not Shown)
- H. Organizer Bins
- I. Large Rinse Sink
- J. Adjustable Storage Shelf (4-Ea.)
- K. Table Flushing System.
- L. Cable Management (Not Shown)
- M. Ventilated Trash Container
- N. Fresh Air Supply (FAS) System

