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Shandon Grosslab™ Junior

Pathology workstations.



- **Stainless steel construction.**
- **Stand-alone or benchtop models.**
- **Three efficient ventilation options.**

- **Facility-supplied residual current device (RCD**) is required for 220-240V units.
- **Back draft design** for efficient capture of fumes across the work surface.
- **Programmable microprocessor** allows clock time to be changed or the filter replacement alarm to be reset.
- **Flat stainless steel work surfaces** include three removable perforated grid plates on bench-top models.
- **Each unit comes complete** with a magnetic tool bar, two integral centimeter rulers, tea strainer, and paper towel dispenser.
- Installation is **quick and easy.**
- **Movable acrylic splash shield** protects the user from sprays and splashes while dissecting specimens.
- Bench-top models can be configured as **stand-alone units with the use of the optional stand (No. 10456).**

- Bench-top models are **ergonomically designed** to be low to the counter.
- **Abundant fluorescent light** is directed to the work surface.
- **Rapid positive drainage.**
- **Vacuum breaker-protected** water supply.
- **Hands-free faucet control** on selected benchtop models uses an infrared signal to activate cold water; also has **manual override capability.**
- **Three air processing options:** Recirculating, External Exhaust, or Remote Exhaust.
- Fume removal is **efficient and quiet.**
- Noise levels measure **less than 65 decibels.**
- **Appliances plug into the unit** for convenient use.
- **Two hospital-grade duplex ground fault circuit interrupter (GFCI)** receptacles on 110-120V units.
- **Four IEC 320 receptacles** on 220-240V units.



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Shandon Grosslab™ Junior Workstation Specifications

Unit Descriptions			Order Number	
Shandon Grosslab Junior Pathology Workstation	Benchtop	Recirculating	110-120V, 60 Hz, 1 Ph	9600
	Benchtop	External exhaust	110-120V, 60 Hz, 1 Ph	96001
	Benchtop	Remote exhaust	110-120V, 60 Hz, 1 Ph	96002
Shandon Grosslab Junior Pathology Workstation	Benchtop	Recirculating	220-240V, 50/60 Hz, 1 Ph	960022
	Benchtop	External exhaust	220-240V, 50/60 Hz, 1 Ph	9600122
	Benchtop	Remote exhaust	220-240V, 50/60 Hz, 1 Ph	9600222
Shandon Grosslab Junior Pathology Workstation	Stand-alone	Recirculating	110-120V, 60 Hz, 1 Ph	96003
	Stand-alone	External exhaust	110-120V, 60 Hz, 1 Ph	96004
	Stand-alone	Remote exhaust	110-120V, 60 Hz, 1 Ph	96005
Shandon Grosslab Junior Pathology Workstation	Stand-alone	Recirculating	220-240V, 50/60 Hz, 1 Ph	9600322
	Stand-alone	External exhaust	220-240V, 50/60 Hz, 1 Ph	9600422
	Stand-alone	Remote exhaust	220-240V, 50/60 Hz, 1 Ph	9600522

Included with Product*	Order Number
Blower (not included with remote exhaust models)	—
Tea Strainer Faucet (same as water faucet)	—
Type 304 Stainless Steel Tabletop and Panels	—
Upper and Lower Shelves	—
Fluorescent Light	—
Tea Strainer	104402
Movable Dictation Machine Rack	10629
Sharps Container	1000794
Tower Bar and Dispenser	104268 / 1070214
Magnetic Instrument Bar	104393
Movable Splash Shield	10707
Uni-Capsettes™	9996111
C-fold Towels	104401
Centimeter Rulers (2 supplied)	104379
Proximity-Controlled Cold Water Faucet (benchtop models only)	—
Stainless Steel Hand Spray (benchtop models only)	—
Adjustable Leveling Feet (benchtop models only)	105976
Perforated Grid Plates (benchtop models only)	10652
Stainless Steel Base with Tubular Frame and Cabinet (stand-alone models only)	—
1/2 hp Disposal (stand-alone models only)	—
Manually-Controlled Cold / Hot Water Faucet and Disposal (stand-alone models only)	—
Hand Spray Combined with Faucet (stand-alone models only)	—

* Contents, Packaging, and Quantities of items listed under "Included with Product" are subject to change without prior notice.

Available Accessories	Order Number
Magnifier Lamp (110-120V)	1001755
Magnifier Lamp (220-240V)	1002303
Adjustable Height Stand with Shelf - 28" - 42" (71.1 - 106.7 cm) (bench-top models only)	10456
Foot Pedal-Controlled Faucet (stand-alone models only)	—

Replacement Filters	Order Number
Replacement Filters	1001618
Includes 2 potassium permanganate filters and 2 fine particle filters	

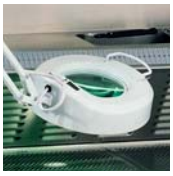
R Recirculating	Use of Filters is required.
E External Exhaust	Use Filters if required for application.
r Remote Exhaust	No Filters are required.



The Grosslab Junior Stand-alone models feature a hand spray combined with the faucet.



To minimize contamination and maximize convenience, the Grosslab Junior Bench-top models feature a hands-free control for cold water.



An optional magnifier lamp mounts on the side of the unit for added convenience in dissecting delicate specimens.



Filter drawers are located in the front of the unit for easy access.

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Benchtop Model Specifications

Physical Specifications

Dimensions (H x W x D)

Overall:	Recirculating:	45.75" x 48" x 28" (116.2 x 121.9 x 71.1 cm)
	External:	52.75" x 48" x 28" (134 x 121.9 x 71.1 cm)
	Remote:	52.75" x 48" x 28" (134 x 121.9 x 71.1 cm)
Work Surface Height:		1.75" (4.4 cm) above benchtop
Recommended Depth:		29" (73.7 cm) from front of unit to wall
Right-Hand Sink:		18" x 6" x 4" (45.7 x 15.2 x 10.2 cm)

Weight

Uncrated: 300 lbs. (136.1 kg) Crated: 350 lbs. (158.8 kg)

Electrical Specifications

- One IEC 320 Power Entry Module and one point-of-use power cord.
- 110-120V and 220-240V models require facility receptacles with 15 amp circuits for each power cord.
- **110-120V models** draw 15 amps including the two hospital-grade duplex ground fault circuit interrupter (GFCI) receptacles.
- **220-240V models** draw 15 amps including the four IEC 320 receptacles with facility-supplied residual current device (RCD) protection required.

Plumbing Specifications

- One 1/2" industrial-grade flexible hose with 3/4" female hose fittings is supplied for connection to cold water supply lines.
- One 3/4" NPT connection and 1" I.D. reinforced flexible hose is supplied for connection to facility drain line.

Agency Approvals

UL / cUL (110-120V only); CE (220-240V only)



An optional stand (No. 10456) allows you to use the Grosslab Junior Bench-top model as a stand-alone unit. The stand is height-adjustable from 28" to 42" (71.1 cm to 106.7 cm). It has a sturdy, extruded aluminum frame and stainless steel shelf with back panel.

Stand-alone Model Specifications

Physical Specifications

Dimensions (H x W x D)

Overall:	Recirculating:	78.5" x 48" x 28" (199.4 x 121.9 x 71.1 cm)
	External:	85.5" x 48" x 28" (217.2 x 121.9 x 71.1 cm)
	Remote:	85.5" x 48" x 28" (217.2 x 121.9 x 71.1 cm)
Work Surface Height:		36" (91.4 cm)
Recommended Depth:		29" (73.7 cm) from front of unit to wall
Right-Hand Sink:		14" x 12" x 9.75" (35.6 x 30.5 x 24.8 cm)

Weight

Uncrated: 500 lbs. (226.8 kg) Crated: 600 lbs. (272.2 kg)

Electrical Specifications

- Two IEC 320 Power Entry Modules and two point-of-use power cords.
- 110-120V and 220-240V models require facility receptacles with 15 amp circuits for each power cord.
- **110-120V models** draw 15 amps including the two hospital-grade duplex ground fault circuit interrupter (GFCI) receptacles.
- **220-240V models** draw 15 amps including the four IEC 320 receptacles with facility-supplied residual current device (RCD) protection required.

Plumbing Specifications

- Two 1/2" industrial-grade flexible hoses with 3/4" female hose fittings are supplied for connection to cold and hot water supply lines.
- 1 1/2" I.D. reinforced flexible hose is supplied for connection to facility drain line.

Choosing the Exhaust System to Fit Your Lab

R **Recirculating**

For existing labs or labs without facility exhaust, it may be necessary to filter and recirculate the air. Specify a unit with integral blowers or filters.

E **External Exhaust**

For distances that do not exceed 20 feet (6.1 m), you may choose a unit with integral blower and filters that may be connected to your facility's duct for venting.

r **Remote Exhaust**

If your facility can supply an exhaust duct and remote blower system that provides an airflow of 550 to 600 cfm (0.260 to 0.283 cu. m/s), a ducted unit will best suit your needs.

Validated Exhaust Efficiencies

R **Recirculating**

Vented Area:	119 - 121 fpm	(0.604 - 0.615 m/s)
Front of Unit:	10 fpm	(0.051 m/s)

E **External**

Vented Area:	122 - 123 fpm	(0.620 - 0.625 m/s)
Front of Unit:	10 - 13 fpm	(0.051 - 0.066 m/s)

r **Remote**

Average air velocity at 400 cfm (0.189 cu. m/s) exhaust airflow:

Vented Area:	148 fpm	(0.752 m/s)
Front of Unit:	15 fpm	(0.076 m/s)
Pressure Loss Through Unit:	1.15" w.g.	(2.87 mb)

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