Pathology Workstations

WITH FUME REMOVAL
FOR USER’S SAFETY

SGDS 100 Series
JGP4 Integrated Gross Pathology Work Station

The JGP model gross pathology work stations are designed to the highest quality and to meet you work center needs. Models feature all stainless steel construction and electric adjustable height control. The 12” electric height adjustment allows the work station to fit your needs. In addition, the electric column actuator means no moving parts which will require maintenance. As with all Scientek products, the JGP models can be custom designed to meet your exacting needs and facility requirements.

Standard Features

- Dimensions: 48” wide x 78” high (lowered) x 32” deep
- Counter top constructed of 14G polished Type 304 Stainless Steel
- Perforated Dissecting Tray constructed of 16G polished Type 304 Stainless Steel
- Sink constructed of 14G polished Type 304 Stainless Steel
- 16” deep x 12” wide x 10” deep
- Tea Strainer for small specimens
- Standpipe overflow system
- Chrome Plated Brass hot and cold mixing faucet with gooseneck spout and wrist blade water control
- Type 304 Stainless Steel top, back, sides and shelves
- Polished on exposed and visible surfaces
- Chrome plated Brass low flow spray hose with palm activated cold water control
- Surface Flush/Rinse Bar –Work surface is cleaned quickly and efficiently
- Individual front mounted water controls for rinse and flush
- All plumbing fixtures with vacuum breaker protection
- Magnetic Tool Holder
- Height Adjustment
- Work surface adjusts from 36” to 48”
- Overall height adjusts from 78” to 90” high
Acrylic Side Protection Panels – clear side protection panels protect against splatter and debris
4 Bulb bright florescent light located above work surface
Electrical: 120 volt/60 Hz/ 1 phase
Direct ventilation exhaust duct to building system through top of unit
Recommended air flow of 200-400 CFM
Adjustable & Removable full width aluminum grill provides proper ventilation

Available Options

Small Sink
Under Sink Waste Bin – not available with disposer
Side mounted Waste bin – ventilated to exhaust
Waste Disposer – ½ HP, ¾ HP and 1 HP options
Recirculating air system with HEPA filter, UV light and pre-filter
Rear mounted exhaust
Stainless Steel C-fold paper towel dispenser
Hands free water controls – foot operated or infrared
Florescent Task Light with flexible arm and magnifier
Voice or Foot Activated Dictaphone System
Pre-wiring for existing dictation system also available
Metric Standard Ruler
Polyethylene cutting board
Keyboard and Monitor arms
Camera Arm
Formalin dispenser
Formalin collection system
Splash Shield Face Protector
Pencil Drawer with integrated writing surface
Form Holder
Fixed Height
Counter top model – no legs

Note: Certain options may require the deletion of or prohibit other options. Please inquire concerning compatibility.
Model AR943 Gross Pathology Sink

The AR943 Gross Pathology Sink, shown with optional base cabinet, is well-suited for tissue preparation, organ dissection, slide preparation, specimen examination and other procedures. The durable, economical work station is the popular and preferred choice of histologists worldwide. Its full-width air vent helps reduce airborne particles commonly found in this area.

Design Features Include

- Sink top, basin, drain board and backsplash are made of one-piece, welded, 14-gauge stainless steel
- Removable 16 inch x 31 inch (40.6 x 78.8 cm) stainless steel dissecting grid plate, located over the drain trough, with flushing system
- Specimen shelf is made of welded heavy-gauge stainless steel
- Larger capacity 10 inch x 42 inch (25.4 x 106.7 cm) multi-directional adjustable ventilation grill
- Stainless steel spray hose with palm operated water control
- Florescent, vapor-proof light with switch
- Polished surface for easy cleaning
- Wrist-operated, chrome-plated brass faucets with hot and cold water control valves and swivel gooseneck spout
- Lever-handle waste drain control for the sink
- Heavy-gauge polished stainless steel legs and welded cross rails to handle heavy usage
- Welded sanitary Type 304 stainless steel construction with large radius inside corners for easy cleaning.
Available Options

- Base cabinet
- Adjustable height
- Waste disposer
- GFCI Outlet
- Scale bracket
- Emergency eye wash
- Air, gas and vacuum valves (SR2147-02)

Other sizes and configurations available

Model SR1910-30 Wall Mounted Dissecting Sink
Pathology Workstation

Scientek’s designers have crafted an excellent workstation by combining conveniently located features with controlled fume removal. Carefully planning together with valuable input from pathologists and technologist has resulted in a workstation which is both functional and easy to maintain. Also since the air pattern over the work surface is controlled by moving harmful vapors down and away from the operator, the Scientek 100 Series Workstation meets or exceeds OSHA and Worker’s Safety regulations.

Features such as stainless steel construction throughout, effective lighting, recessed table rinse jets and plenty of storage space, make this unit a welcome addition to any pathology department. Simple connections plus a choice of three methods of air removal allow installation in almost any location.

Standard floor models are 48” or 72” long and the sink can be placed on either side of the work area to best meet your needs. Where floor space is at a premium, Scientek offers two compact versions of the 100 Series which can be installed on a counter top.

Your Scientek representative will be pleased to assist you in selecting the best model and options to meet your needs.

Custom sizes and layouts are available upon request.

FUNCTIONS AND FEATURES

All Stainless Steel Construction
Type 304 cabinet and work surface

Effective Lighting
Built-in fluorescent fixtures at two levels; both directing light to the work area

Work Area
Includes stainless steel perforated drain board and thermoplastic cutting section; both are removable for cleaning

Recessed Table Rinse Jets
Built-in water jets flush the work area to rinse debris into the built-in sink

Magnifier
Adjustable fluorescent lamp with built-in magnifier

Magnetic Tool Bar
Convenient storage for dissection instruments

Control Panel
UL/CSA/ETL approved electrical system to operate exhaust system, lighting and dissection equipment

Measuring
Conveniently located Imperial/Metric ruler; removable for cleaning
FORMALDEHYDE REMOVAL

EXHAUST SYSTEMS OPTIONS

Type 1 – Direct Ventilation Exhaust System
Exhaust fumes are discharged directly into the facility’s built-in duct system. (Please see connection details regarding CFM requirements)

Type 2 – Fan Assisted Direct Ventilation
Built-in exhaust fan discharges exhaust directly into the facility’s duct system.

Type 3 – Recirculating Exhaust System
Built-in fans draw exhaust air through neutralizing filters which oxidize formaldehyde into carbon dioxide and water. Exhaust air is then recirculate back into the room. The replaceable filters last from 40 to 80 hours depending on formaldehyde concentration levels.

Style Work Station

Towel Dispenser
Stainless steel dispenser to hold C-fold or roll type towels

Built-in Sink
14” x 18” sink is recessed to catch fluid drainage from grossing area. Sink can be located on either left or right hand side. (Please specify with order)

Waste Bin
Plastic waste receptacle is mounted in the cabinet space below the sink for easy disposal of towels, etc. and is removable for cleaning.

Digital Scale
Electronic scale with removable specimen pan. (Operates on 120 volt or batteries)

Formalin Container
8 Liter plastic formalin container with dispensing faucet sized to fit on lower shelf above main work area.

Hand-held Spray Rinse
Flexible hand-spray unit to assist in clean-up.

OPTIONAL FEATURES

Disposer
½ HP built-in disposer in storage cabinet under sink.

Dictation Equipment
Hands free dictation machine with foot operated controls.
PATHOLOGY WORKSTATION SERIES

Scientek is dedicated to supplying medical and research professionals with the highest quality laboratory equipment available today. The Pathology Workstation 100 Series is just one example of this dedication. By combining engineering expertise and design versatility with modern manufacturing efficiencies we have earned our reputation as a leading supplier to facilities around the world.

SPECIFICATIONS

Dimensions:

<table>
<thead>
<tr>
<th>Model</th>
<th>SGDS-100F-48</th>
<th>SGDS-100F-72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>48” (122 cm)</td>
<td>72” (183 cm)</td>
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<tr>
<td>Width</td>
<td>30” (76 cm)</td>
<td>30” (76 cm)</td>
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<tr>
<td>Height</td>
<td>65” (165 cm)</td>
<td>65” (165 cm)</td>
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<tr>
<td>Weight</td>
<td>250 lbs. (113 kg)</td>
<td>250 lbs (113 kg)</td>
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</tbody>
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Sink: 18” x 14” x 8” (46 cm x 36 cm x 20 cm)

Faucet: Swing faucet, 6” with hot and cold mixing valve

Table Rinse: Built-in spray manifold directs cold water over sloped work surface to drain

Formalin Container: 8 Liter capacity polycarbonate with dispensing faucet and screw on cap

Paper Dispenser: C-fold type paper towel

Scale: Electronic Digital scale 5 kg, in 2 gram increments c/w washable pan. Battery and/or 120 volt operation

Rule: 100 cm long with 1 mm increments on upper edge, Imperial measurements on lower edge

Cutting Board: 18” x 15” x ¾” (46 cm x 36 cm x 2 cm) white thermoplastic mounted on raised feet

Electrical:

- Power requirements – 115 VAC, 60 Hz, 15 Amp
- All circuits c/w ground fault interrupters
- Power cord – 8’, 14/3 grade, 3 prong plug
- Lighting – Slim line, under shelf, 36” long
- Fluorescent lamp, 1 flexible arm
- Fluorescent lamp with magnifier
- Controls – illuminated rocker switch (on/off)
- Receptacle – 115 V dual outlet, GFI
- Approval – All units will be either CSA or ETL tested and approved

Plumbing:

- ½” (13 mm) Cold Water
- ¼” (13 mm) Hot Water
- 1 ½” (38 mm) Direct Waste
- All stub up from floor or out from wall

Air Exhaust System: (Self Contained)

- 4 only c/w acoustic isolation mounts, 80 cfm rated
- Screen: 1/8” (3 mm) diameter perforations @ 1/8” (3 mm) o/c
- Material: T-316 #4 stainless steel
- “Purafil” ¼” (6 mm) chemisorbant pellets (KnMnO₄ on Alumina) which oxidize HCHO to CO₂ + H₂O
- Size – 24” x 7” x 1” (61 cm x 18 cm x 2.5 cm)

SCIENTEK™ LIMITED WARRANTY

Scientek warrants each Pathology Workstation for one year on parts and labor. This warranty does not cover damage resulting from misuse, abuse, accident, lack of reasonable care or repair by an unauthorized service organization. No responsibility is assumed for any special incidental or consequential damages. However, the limitation of any right or remedy shall not be effective where such is prohibited by law. No other warranty, express or implied is authorized by Scientek. Scientek assumes no responsibility for payment of unauthorized shipping charges under the terms of this warranty.

Scientek reserves the right to modify materials and specifications and to make product modifications without prior announcement.

Scientek 8235 Swenson Way
Delta, B.C., Canada V4G 1J5
www.scientek.net

Email: sales@scientek.net Phone: (866) 321-3828
Fax: (604) 951-8085