



# SPIRE

INTEGRATED SOLUTIONS

STERILE PROCESSING  
2026 INTERACTIVE EDITION

HEALTHCARE SOLUTIONS



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## HEALTHCARE STERILIZERS

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## STERILE PROCESSING

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## 3 Brands.

### 1 Healthcare Solution.

Spire Integrated Solutions was founded in 2018 by merging four well-known equipment companies into a single entity that offers a comprehensive purchasing solution for rural hospitals, morgues and surgery center sterile processing departments.

Spire Integrated Solutions' main objective is to cater to the healthcare industry by providing durable and dependable stainless-steel equipment that is specifically tailored for our healthcare customers.

Additionally, Spire's equipment does not depend on proprietary parts, ensuring that customers can maintain and repair their equipment.

**Spire Integrated Solutions manufactures the PRIMUS, SCIENTEK, and CSI JEWETT brands of healthcare sterile processing equipment.**

## DECONTAMINATION

[Instrument Washers / Disinfectors](#)

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## Healthcare Sterilizers

**PRIMUS sterilizers** are designed for Healthcare applications including surgery, central sterile supply, and clinical laboratories. PRIMUS sterilizers are designed and manufactured in the USA according to Quality Management Systems which are in compliance with ISO 9001:2008, ISO 13485:2003, CMDCAS and FDA's Good Manufacturing Practice (GMP) for Medical Devices: General Regulation (21CFR Part 820).

**12 standard clinical sizes manufactured by PRIMUS and are recognized for government contracts via Federal Supply Schedule Contract #V797P-4400B.**

### Sterilizer Design


The pressure vessel is the heart of any sterilizer. PRIMUS offers simple straight forward design. All PRIMUS pressure vessels are constructed of solid stainless steel and are fabricated by PRIMUS in our quality controlled, ASME facility. The interior chamber surface is polished to a mirror finish of <10in. Ra.

PRIMUS rectangular chambers eliminate the wasted space and high utility costs common with old-style cylindrical or elliptical chambers. PRIMUS' unique design reduces high service costs associated with conventional hinged/radial arm doors and, most importantly, provides an added margin for operator safety.

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The brilliant Pri-Mirror® reflective chamber finish sets the highest standard for cleanliness.

### Application

Sterilization of wrapped instrument packs, loose instruments, textile packs, and liquids.

### Features

- Touch pad control system
- Pre-programmed cycles for specific applications
- Pri-Mirror™ chamber and door finish
- Single and double door configurations
- Utility conservation systems
- Chambers sized for maximum throughput
- Non-proprietary parts





HA



HB



HC



**Dimensions**

Model	Chamber Size	Chamber Capacity	Overall size WxHxL	Wall Opening WxHxD	Fascia Width	Floor to Chamber
HA	20"x20"x38"	8.8 ft <sup>3</sup>	29.25"x74"x46.38"	30"x73"x44"	34"	38.50"
HB	26"x30"x29"	13.09 ft <sup>3</sup>	35.50"x88"x39.5"	35.50"x88"x39.5"	44"	36"
HC	26"x30"x41"	18.51. ft <sup>3</sup>	35.50"x88"x51.5"	35.50"x88"x39.5"	44"	36"



**Sterilization of liquids, instruments & textile packs**



**Non-proprietary parts for maximum uptime**



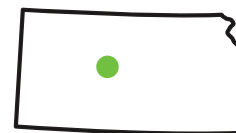
**Shine matters! Exclusive PRIMUS' Pri-Mirror™ chamber finish**



**Options for custom cycle development**



**Ease of use & operator safety**



**Made in the U.S.A. Great Bend, Kansas**



**Pri-Pure™ Reverse Osmosis System (optional)**



**Pri-Saver™ Water Conservation System (optional)**

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SW4600

The SCIENTEK brand, single washer or multi-automated washing systems are designed for healthcare applications - surgery centers, hospitals and clinical laboratories.

These high-performance models clean and disinfect surgical, cannulated instruments, anesthesia, basins, carts, pans, and utensils.

The SCIENTEK brand uses non-proprietary parts on all equipment.

### Controls

- Allen Bradley Microprocessor control systems
- Cycle time flexibility
- Guaranteed 182°F rinse temperature

### Key Features

- PLC control system
- HMI Touch Screen with user configurable cycles
- Temperature guarantee
- Electrically or steam heated
- Stainless Steel Type 304 construction
- 3 chemical pumps
- Standard and configurable loading racks

### Accessories

- 1, 2, 3 or Level Multi-Tier Wash Racks
- Load and unload module
- Wash rack transfer table
- Single multi-purpose basket rack
- Basket return conveyor
- Pass-thru window enclosure

### Benefits

- Ease of operation
- Intuitive programming screens
- Cleaning/disinfection
- Temperature guarantee
- Fast & efficient cycles
- Low cost of ownership
- Fully-customizable
- Operator safety features
- Factory direct support



Jose, SPIRE electrical assembler, tests his work on a SCIENTEK washer.

Model	Standard Chamber W x H x D	Standard Unit W x H x D
SW3610	22" x 23" x 22"	35.75" x 72.5" x 28.25"
SW4600 / SW4600A	26" x 27" x 26"	46" x 80" x 33.31"
SW4600XL	26" X 27" X 39"	42" x 82" x 46.31"
SW4800 / SW4800A	39" x 27" x 26"	59" x 80.5" x 33.5"

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### 4 sizes available.

The **SCIENTEK** brand Rack and Utensil Washer is a favorite choice for the sterile processing department.

The powerful and effective overlapping rotatory spray system provides thorough and complete cleaning and disinfection.

Custom programs adjust cycle parameters to soil level and cleaning needs.

### Features

- Modular construction
- Knock-down shipment
- Personnel safety features
- PLC control system
- Full color HMI touch screen
- 10 Configurable cycles
- Temperature guarantee
- Insulated construction
- Incoming utility gauges
- Interior illumination
- Stainless steel recirculation piping
- Stainless steel components
- Non-proprietary parts

### Construction

- Heavy-duty stainless steel doors with port view glass windows.
- Recirculated water is heated by a stainless steel steam coil guaranteeing treatment temperatures.
- A color touch screen control panel provides a user-friendly interface for selecting, programming, and monitoring cycles.
- Units are provided with stainless steel treatment pumps.

Model	Standard Chamber W x H x D	Standard Unit W x H x D
<b>SW6100</b>	42" x 84" x 80"	56.75" x 91" x 84"
<b>SW6400</b>	48" x 88" x 90"	62.75" x 95" x 96"
<b>SW6400L</b>	48" x 88" x 128"	62.75" x 95" x 132"
<b>SW6400WL</b>	68.5" x 88" x 128"	83.25" x 95" x 132"

### Options

- Shallow Base Unit (6")
- Pit or Floor Mounted
- Pass-thru Unit
- Right or Left Hand Services
- House Hot Water Heat Exchanger
- Integral Data Collection System
- Drain Discharge Cooling
- Automatic Damper
- SS Exhaust Fan
- Low Steam Pressure Package
- Pass-thru Door Interlock System
- Air Compressor
- Printer
- Seismic Tie Down
- Detergent Dispensing Systems
- pH Neutralization System
- Split Base for Special Entry
- Utility Enclosure Panels
- Inclined Floor Grating
- and more...

### Accessories

- Internal Drop in Tilt Ramps
- Exterior Load Ramps (*for floor mounted models*)
- Multi-tier Utensil Wash Cart
- Flat Deck Washing System
- Bottle Washing Spindle Cart

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**2 sizes available.**  
**Automatically pulls carts through the washer.**

The SCIENTEK brand Indexing Tow Through Washers are heavy-duty, automated hydro-spray washers/dryers for healthcare carts and utensils.

These machines offer high capacity, reliability, easy maintenance, and "green" flexibility, using non-proprietary parts.

### Features

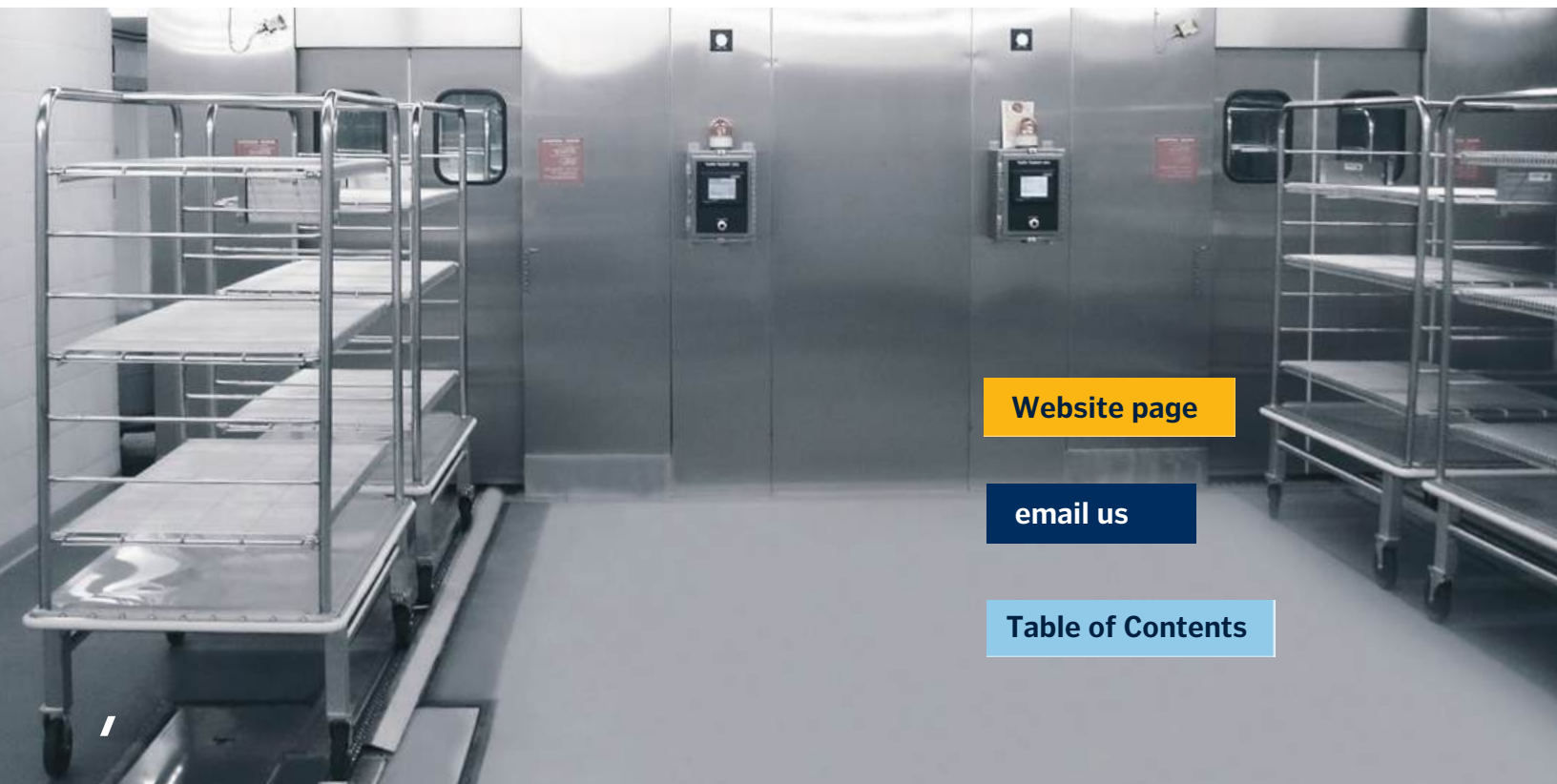
- Sliding Door
- Modular Construction
- Knock-down Shipment
- **Oscillating** Spray Delivery System
- Detergent Dispensing Systems
- Personnel Safety Features
- PLC Control System with Full Color HMI Touch Screen with Modem Package
- 10 Configurable Cycles
- Automatic Four-phase Treatment Cycle
- Automatic Self-cleaning Screen
- Automatic Water Level Control
- Temperature Guarantee



Model	Standard Chamber Size	Standard Unit Size
<b>480LX</b>	40" W x 85" H x 170" D	101" W x 121" H x 205" D
<b>486LX</b>	46" W x 85" H x 170" D	107" W x 121" H x 205" D

### Accessories

- Modular Walls
- Integrated Case Carts



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### SONI-tek Ultrasonic Console Cleaners

The SCIENTEK brand SONI-tek Ultrasonic Console Cleaner cleans delicate ophthalmic instruments to heavy orthopedic sets to da Vinci® 8mm and 5mm EndoWrist® Instruments.

#### Applications

Ultrasonic cleaning of lumen instruments, optical eye surgery and dental equipment.

#### Key Features

- 132 kHz transducers deliver three times the frequency of the industry standard 40 kHz transducer.
- Micromechanical scrubbing action cleans hard-to-reach internal passages and heavily soiled external surfaces.
- Homogeneous sound field, energy distribution, and prevention of standing waves using frequency modulation (sweep) 58 kHz and 132 kHz frequencies provide precision cleaning and rinsing options.
- Drain valve assembly available for tank capacities of 2.5 gallons and higher.
- Digital power control of the ultrasonic generator provides consistent cleaning results regardless of tank temperature.



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#### SONI-tek

##### Models

Models	Tank Dimensions <i>W x H x L</i>	Tank Quantity
US100S	9.5 x 3.5 x 19.75	1
US100SL/US100SR	9.5 x 3.5 x 19.75	2
US150T	23.75 x 3.5 x 11.75	1
US150TL/US150TR	23.75 x 3.5 x 11.75	2
US200EX	23.75 x 3.5 x 11.75	1
US200EXL/US200EXR	23.75 x 3.5 x 11.75	2



### POWERSONIC™ Tabletop Cleaners

Powerasonic™ Tabletops clean even the smallest spaces that are inaccessible to normal cleaning tools for use in almost all industries.

The SCIENTEK brand ultrasonic technology has been used successfully in both aqueous and solvent systems, which serve a wide variety of cleaning applications from rugged industrial to critically precise.

That same high performance technology has been transferred to our new line of Powerasonic™ Tabletop cleaners, which provide significant industrial strength and quality at a tabletop price.

#### Powerasonic

Models	Tank Dimensions <i>W x H x L</i>	Tank Quantity
ST075	5.25 x 4 x 9.5	1
ST100	5.25 x 6 x 9.5	1
ST150	6 x 6 x 11.75	1
ST325	9.5 x 8 x 11.75	1
ST350	5.25 x 6 x 19.5	1
ST575	11.75 x 6 x 19.5	1
ST700	11.75 x 8 x 19.5	1

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### Treat

Ideal surgical instrument enzymatic pre-treatment that prevents bio-burden build up.



### Zyme

Low foam enzymatic detergent formulated to quickly remove heavy bio-burden from surgical instruments.



### Clean

A mild, alkaline detergent, this formula uses strong chelating additives to protect instruments from scale buildup (allowing hard water minerals to be completely rinsed away!).



### Ease

Gentle formulation frees box locks and lubricates moving parts of surgical instruments. Regular use of the EASE formulation will protect against corrosion and compatible with stainless steel, aluminum, and plastic tools.

**Purchase online, today!**

[Go to parts store](#)



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Shown:  
SS2C 63" x 25" x 34"



A CSI Jewett brand Surgical Scrub Sink offer stainless steel construction, advanced hands-free controls and low maintenance.

MODEL	Unit Dimensions
	W x D x H
SSS1C	31" x 25" x 34"
SSS2C	63" x 25" x 34"
SSS3C	94" x 25" x 34"
2 drains	

## Key Features

- Stainless steel construction
- Ergonomically designed
- Type 304L stainless steel
- Custom sizes / fabrication available
- Advanced hands free controls
- Thermostatically controlled mixing valve provides water temperatures up to 115° F (46° C)
- Plumbing hardware of brass and copper or chrome plated
- Sink basin designed to reduce splashing
- Electronic components UL Listed and pre-wired

## Construction

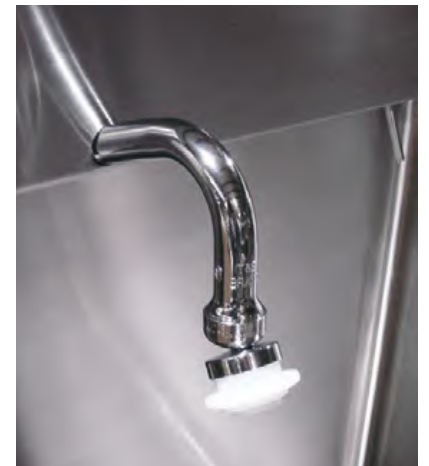
- All plumbing hardware is brass and copper
- Chrome plated where exposed
- Type 304 16 gauge polished stainless steel sink basin
- Type 304 18 gauge polished stainless steel (exposed surfaces)
- Exposed welds are ground and polished
- Coved corners and radius edge reduces splashing
- Sink bottom sloped to a large 2" drain
- Door(s) below each basin for plumbing access
- Access door(s) held open by support rod(s)
- Components pre-wired and plumbed at factory

## Options

- Knee activated motorized soap pump system
- Lever action hot water system back flush
- Stainless steel mounting base
- Illuminated basins



Thermostatic Water Control Valve



Swivel Aerated Nozzle

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Standard full size sink: 24" W x 17" H x 10" D

## Key Features

- Recessed drainage work areas
- Hot/cold spray hose
- Lever handle drains
- 2, 3 or more bowls (model-dependent)
- 4" back splash
- Adjustable leveling feet

## General Specifications

- Available with single, double, triple or more bowls
- Welded, sanitary-type 304 stainless steel
- Large radius inside corners for easy clean up
- Smooth surfaces - no gaps or fastening elements
- Smooth work surface prevents bacteria

## Options

- 30" wide sink bowl
- Wall-mounted units
- Shelving above or below sink
- Enclosed with base cabinets
- Pure water connection
- Multi-outlet flush manifold
- Eye wash stations
- Custom back & side splashes
- Additional hose or faucet
- Custom fabrication
- Adjustable work height (manual or motor driven)
- Foot pedal faucet controls
- Compressed air nozzle



Air or water pistol



Volume etching



## Dimensions

	Unit Dimensions WxDxH	# of bays
SPS1	72"x26"x37"	1
SPS2	96"x26"x37"	2
SPS3	120"x26"x37"	3
SPS2E	Height Adjustable 72"x26"x35"- 42"	1
SPS3E	Height Adjustable 96"x26"x 35"- 42"	2

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CSI Jewett's Prep and Pack Tables available in multiple standard and custom sizes with many options and shelf configurations available.



Adjustable Shelving (Optional) LED magnifying task light

### Dimensions

Model	Unit Dimensions W x D x H
SWT3060	30" x 60" x 72"
SWT3072	30" x 72" x 72"
SWT3660	36" x 60" x 72"
SWT3072	36" x 72" x 72"

### Construction

- Type 304 stainless steel

### Features

- All welds are helical, ground smooth, passivated
- LED over work surface
- (2) GFCI receptacle strips with power switch
- (3) adjustable shelves and (1) pegboard
- Leveling casters
- Large radius corners for easy cleaning
- Fully welded leg structures
- Manual height adjustment

### Options

- Stainless steel drawers
- Electric height adjustment
- Monitor arms
- Slide out keyboard drawer
- Adjustable sloped book rest
- LED magnifying, swing arm task light
- Pull out writing surface
- Base cabinets
- Bin rail
- Magnetic tool bar
- Magnetic whiteboard
- Custom sizes



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CSI Jewett brand Sterile Dryers offer faster drying in bio-clean air, as recommended by infection control authorities.

### Features

- Large capacity - quick drying
- Pre-filter and HEPA filter
- Thermal switch fuses and overload protection for blower motor
- Heavy-gauge, polished stainless steel construction
- Recessed, front-mounted controls
- Fast drying
- Adjustable digital temperature controller
- Thermal cutoff
- Automatic timer
- Recirculating air system
- See-through doors
- Adjustable shelving



### Options

- Inhalation Tube Header
- Single freestanding or double door pass-through
- Single width - 28" wide
- Double width - 48" wide
- Additional shelving
- External vent attachment
- Custom sizes available by request

### Dimensions

**Model  
4826**

Double door  
pass-through

**2826**

Single door  
pass-through

**Unit Dimension  
W x H x D**

48" x 84" x 26"

27.75" x 82.75" x 26"



### Optional Inhalation Tube Header

The CSI Jewett brand Inhalation Tube Header allows for transfer of already mounted tubes to connect to the Sterile Dryer.

Inhalation tube headers save time by not needing to individually remount tubes. The header tube mounting rack is moved into place without additional adjustment.

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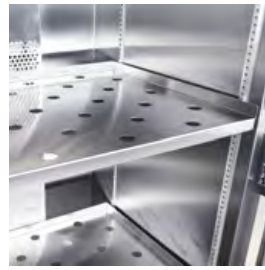
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The CSI Jewett brand of Warming Cabinets are designed for warming blankets and solutions in hospital and research laboratories.

Warming cabinets maintain temperatures between 90°F and 170°F and have digital controls with easily programmable settings.

## Features

- Fully-programmable user controls
- Large digital screen with individual cabinet controls
- Fully-insulated and enclosed walls and doors
- Adjustable perforated stainless steel shelves prevent bottle tipping
- F and C (switchable)
- Energy saving sleep mode
- Independent controls are available for dual compartment models
- Tempered glass doors (solid or dual pane)
- 18" or 24" cabinet depths
- Available in variety of sizes and configurations
- Set the points for temperature (including high and low alarms)
- Adjustable alarm



## Options

- Door ajar alert

## Dimensions

	Exterior Cabinet Dimensions			Interior Cabinet Dimensions			Interior Volume
	W	D	H	W	D	H	
<b>CWC-15</b>	30	24	28	25.5	17.5	15.5	4 ft <sup>3</sup>
<b>CWC-28</b>	30	24	41	25.5	17.5	28.5	7.4 ft <sup>3</sup>
<b>CWC-41</b>	30	24	54	25.5	17.5	41.5	10.75 ft <sup>3</sup>
<b>CWC-61</b>	30	24	74	25.5	17.5	61.5	15.9 ft <sup>3</sup>
<hr/>							
<b>CWC-1515</b>	30	24	48	25.5	17.5	15.5	4 ft <sup>3</sup>
				25.5	17.5	15.5	4 ft <sup>3</sup>
<hr/>							
<b>CWC-1528</b>	30	24	61	25.5	17.5	15.5	4 ft <sup>3</sup>
				25.5	17.5	28.5	7.4 ft <sup>3</sup>
<hr/>							
<b>CWC-1541</b>	30	24	74	25.5	17.5	15.5	4 ft <sup>3</sup>
				25.5	17.5	41.5	10.75 ft <sup>3</sup>
<hr/>							
<b>CWC-2828</b>	30	24	74	25.5	17.5	28.5	7.4 ft <sup>3</sup>
				25.5	17.5	28.5	7.4 ft <sup>3</sup>



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## What can we make for you?

### Custom made stainless steel casework, instrument cabinets and work tables.

- Adjustable shelves, locking doors
- 18 gauge, 304 stainless steel fabrication
- Lighting, glass, ventilation, sinks, refrigeration
- Seismic anchoring

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## Pass-Through Windows and Cabinets

### The CSI Jewett brand of pass-through windows from single door pass-through windows to negative pressure walk-through enclosures.

- Fabricated of all stainless steel, they offer glass viewing windows and door interlocks.
- Heavy duty hardware
- Counters with fully-welded sinks and sound deadening.
- Available in vertically and horizontally sliding configurations, pass-through cabinets can be configured with ventilation, HEPA filtration and other options.
- Available in multiple size configurations or custom built

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### Options

- Casework is also available in ADA heights
- Custom-sizes



### Equipment Planning

Working closely with your architect and Lab Planners to ensure proper functionality and placement, SPIRE can lay out the washing and sterilization equipment in the sterile processing department.

Thus, eliminating any interference or loss of production capabilities. Layout drawings are available in CAD and 3D formats and individual equipment Revit files.

### Throughput Analysis

SPIRE figures out the correct chamber sizes and configuration of washing and sterilization equipment that meets the capacity and throughput requirements of the facility.

### Benefits

- All equipment is manufactured by one vendor in North America
- Local Sales Representation and Service ASA's
- Online spare parts store - overnight delivery available
- Equipment designed for continuous operation
- Equipment designed for ease of service using non-proprietary parts

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Megan, Spire Electrical Assembler tightens up her work on a PRIMUS Sterilizer by Spire Integrated Solutions.

### Preventative Maintenance

From gasket replacement to valve rebuild to 24/7 access to the Spire online parts store, Spire Integrated Solutions takes care of everything!

Spire's maintenance team is fully trained and certified to perform preventative maintenance and service solutions suited to your facility and operations on all Spire brands.



### Installation

At SPIRE, we take pride in our experienced installation team, which handles every aspect of your equipment installation to ensure its proper placement, functionality, and successful commissioning.

Our project management team works closely with contractors, riggers, and trades to provide specific milestones and ensure timely delivery.



- On-site, full-service maintenance
- On-site testing and qualification

*You are not locked into costly maintenance regimens and obscure part requirements.*

*Spire uses non-proprietary parts in their equipment.*



### Training and Support

Beyond ensuring your equipment works as intended, SPIRE is dedicated to helping your team maximize uptime and simplify qualification processes.

Through the InSPIRE Institute, SPIRE can train your in-house team to perform critical maintenance. Or, if you'd rather fully outsource your maintenance regimen, SPIRE INTEGRATED SOLUTIONS can be on site as often as needed for routine upkeep.

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## Standard Features

### Equipment Monitoring

All SPIRE brands of equipment comes with a standard feature that allows for monitoring of cycle-related data on the performance of each unit.

This includes valve counters, run-time monitoring, and other critical instrumentation to provide a cycle-specific history of each unit.

With this information, facility managers can better schedule maintenance functions specific to the actual run time of the equipment, maximizing uptime.

### Annual Maintenance Service

Spire Integrated Solutions' installation team handles every aspect of your equipment installation to ensure proper placement, functionality, and successful commissioning.

The Spire project management team works with contractors, riggers, and trades to provide specific milestones and ensure delivery.

During delivery, a SPIRE Authorized Service Agent (specially trained on all SPIRE equipment) helps to ensure proper diagnostics, servicing equipment, proprietary parts and preventative maintenance.

**Contact a Spire Representative at 877 679 7800 for information regarding annual maintenance agreements and preventative maintenance scheduling.**

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## Inspections

Our highly-trained service specialists provide periodic inspections and adjustments to ensure low cost, peak performance, reliability, and low cost of ownership of your sterilizer.

At SPIRE, we believe in providing the best possible service to our clients. That's why we offer annual maintenance agreements and preventative maintenance plans to help you maintain the efficiency of your equipment over the long term.

## Project Management

- Coordination with on site contractors for MEP connections
- On-site equipment testing
- Startup and user training
- Site pre-installation inspection
- Site supervision of unloading and rigging
- Reassembly of MEP components removed for knockdown installation
- Setting equipment in place

