

Full Circle Instrumentation™

V. Mueller® and Snowden-Pencer® Products and Services



Selection

With more than 34,000 surgical instrument patterns to choose from, our product portfolio is one of the largest in the market. And if you still can't find what you want, we can make it for you – designed to your unique specifications. We also feature a full line of containers, trays, cases and detergents to help sterilize, protect and organize your instruments. Imagine – virtually everything you might need relating to surgical instruments, no matter what the procedure – from one trusted source.

We put surgical instruments in your hands and a world of resources at your fingertips.

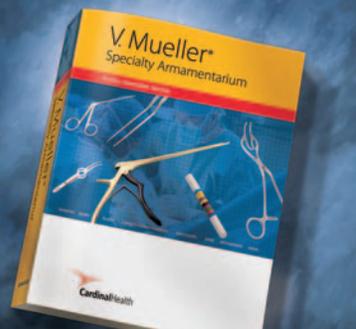
V. Mueller® and Snowden-Pencer®

Full Circle Instrumentation.™

People. Selection. Craftsmanship. Solutions.



CardinalHealth



From specialty, to general, and nearly every surgical instrument in between.

V. Mueller® Specialty Open Instruments

For more than 110 years, the V. Mueller name has been associated with unprecedented choice and unparalleled quality in surgical instrumentation. With over 34,000 instruments available, V. Mueller offers instruments and retractor systems across a wide range of surgical specialties, including:

- Bariatric
- Cardiovascular
- Spine
- Oral
- Ear
- Micro
- Neuro
- Thoracic
- Orthopaedic
- Tonsil
- Endaural
- OB/GYN
- Plastic
- Ophthalmic
- Nasal
- Bronchoscopic
- General

What's more, the V. Mueller Custom Signature Service® program can adapt patterns to suit individual physician needs or create a brand-new concept made to your specifications.

Snowden-Pencer® Specialty Laparoscopic Instruments

The Snowden-Pencer name has a proud tradition of innovation and excellence dating back more than 50 years. Snowden-Pencer features Diamond-Line® instruments and other brands that bring state-of-the-art technology to laparoscopic instruments:

- Diamond-Flex® articulating laparoscopic instruments, the premier choice for advanced procedures
- Diamond-Touch® ergonomic design improves comfort
- Switch-Blade®, the number one reusable laparoscopic scissors on the market
- Reusable and take-apart laparoscopic instruments available in more than 500 patterns

Snowden-Pencer® Plastics

Snowden-Pencer offers one of the broadest, most respected lines in the industry for plastic and reconstructive surgery, including:

- EndoPlastic™ instruments to facilitate new endoscopic aesthetic surgical procedures
- Tebbetts™ rhinoplasty surgical instruments, designed in cooperation with John B. Tebbetts, MD, Dallas, TX
- Wide range of lipoplasty products to meet individual preferences
- Fiber-optic light systems with brilliant Xenon illumination and pinpoint accuracy

Processing Supplies

Genesis™ sterilization containers and V. Mueller detergents offer a total system for the care and organization of your instrumentation investment:

- Full line of Genesis sterilization container systems and basket accessories including clips, holders and dividers
- PolyVac® cases and trays
- Instra-Clean™ and Enzy-Clean® detergents and Instra-Lube® instrument lubricant for the complete care of instruments

EndoPlastic, Genesis, Tebbetts and Instra-Clean are trademarks and Custom Signature Selection, Diamond-Flex, Diamond-Line, Diamond-Touch, Instra-Lube, Snowden-Pencer, Switch-Blade and V. Mueller are registered trademarks of Cardinal Health, Inc. or one of its subsidiaries. Enzy-Clean is a registered trademark of The Herbert Stanley Corporation. PolyVac is a registered trademark of Symmetry Medical, Inc.

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1430 Waukegan Road
McGaw Park, IL 60085

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Craftsmanship

Did you know that it takes an average of 52 steps to make a typical surgical instrument – and nearly all those steps are performed by hand? In fact, our instruments are still made the same way they've always been made – by skilled instrument makers. Our artisanship, combined with more than 165 years of collective manufacturing experience, make V. Mueller and Snowden-Pencer the gold standard for surgical instrumentation.

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It takes tradition *and* innovation to create the world's finest surgical instruments.

Heritage

The history of V. Mueller® Products began in 1893, when German-born instrument maker Vinzenz Mueller set up shop in Chicago and worked with leading surgeons of his day to craft revolutionary instruments. V. Mueller quickly became known as a superior manufacturer and leading developer of instruments – a reputation that V. Mueller Products still enjoys today.

In 1951, instrument craftsmen Leonard Snowden and George Pencer collaborated to design the Diamond-Jaw® needle holder, the world's first needle holder using tungsten carbide. Today, Snowden-Pencer® brand Diamond-Line® instruments lead the industry in laparoscopic and plastic surgery fields.

Quality

Skilled instrument makers, many of them third generation craftsmen, handcraft precision surgical instruments to last a lifetime. ISO 13485 certification ensures V. Mueller and Snowden-Pencer instrumentation meets documented quality standards, processes and procedures. And, of course only the finest quality materials are used to make our instruments, including stainless steel, tungsten carbide and titanium. Our skill, quality standards and materials give you the confidence that our instruments will meet your expectations in performance and durability.

Domestic Manufacturing

V. Mueller and Snowden-Pencer instrument makers work in U.S. manufacturing facilities in St. Louis, Missouri, Cleveland, Ohio and Tucker, Georgia. Each plant has the experience and knowledge to produce hundreds of thousands of surgical instruments annually to ensure that products are readily available to you when you need them.

Warranty

V. Mueller and Snowden-Pencer instruments carry a lifetime warranty against defects in materials and workmanship, as well as available service warranties.

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People

Behind every one of our products and services, you'll find an extraordinary team of professionals dedicated to bringing you the finest surgical instruments the world has to offer. This includes leading physicians who help us create and improve our instruments. Customer service and distribution experts who stand ready to make sure you get what you need, when you need it. And seasoned sales representatives who know surgical instrumentation inside and out.

We put surgical instruments in your hands and a world of resources at your fingertips.

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Nobody knows surgical instrumentation like we do.

Physician Partnerships

V. Mueller and Snowden-Pencer collaborate with some of the world's foremost surgical and scientific thought leaders in fields such as:

- Cardiovascular surgery
- Minimally invasive surgery
- Plastic surgery
- Neurosurgery

Our physician partnerships produce the innovations of today that become the mainstays of tomorrow:

- COSGROVE Flex Clamp and the CHITWOOD-DeBAKEY tissue forceps
- McKernan™ brand Diamond-Jaw® needle holder
- RHOTON-MERZ brain retractor set
- Tebbetts™ fiber-optic retractors and Ramirez EndoPlastic™ dissectors
- McCULLOCH retractor systems

Customer Service

In an automated world of virtual assistance, we provide expert, live customer service. Our experienced staff has an average 12-year tenure and can offer a full range of support services, including:

- Cross-referencing of products
- Accurate account pricing
- Helpful information on materials, functionality and instrument maintenance
- International support for orders placed in Canada and Europe
- Emergency service 24/7 and the ability to courier an instrument anywhere

Education Programs

Education and training are important to you, so we offer programs on a variety of topics including the care and handling of instruments and sterilization containers, with more being developed to help meet your educational needs.

Seasoned Sales Representatives

Our team has an average tenure of more than ten years, which means you'll work with a representative who knows how to make purchasing V. Mueller and Snowden-Pencer instruments worry-free. Our representatives are:

- Knowledgeable. They are happy to perform in-service training for your staff on a variety of instrument-related topics.
- Highly trained. V. Mueller and Snowden-Pencer sales representatives participate in AORN-approved OR protocol to ensure they meet strict OR standards.

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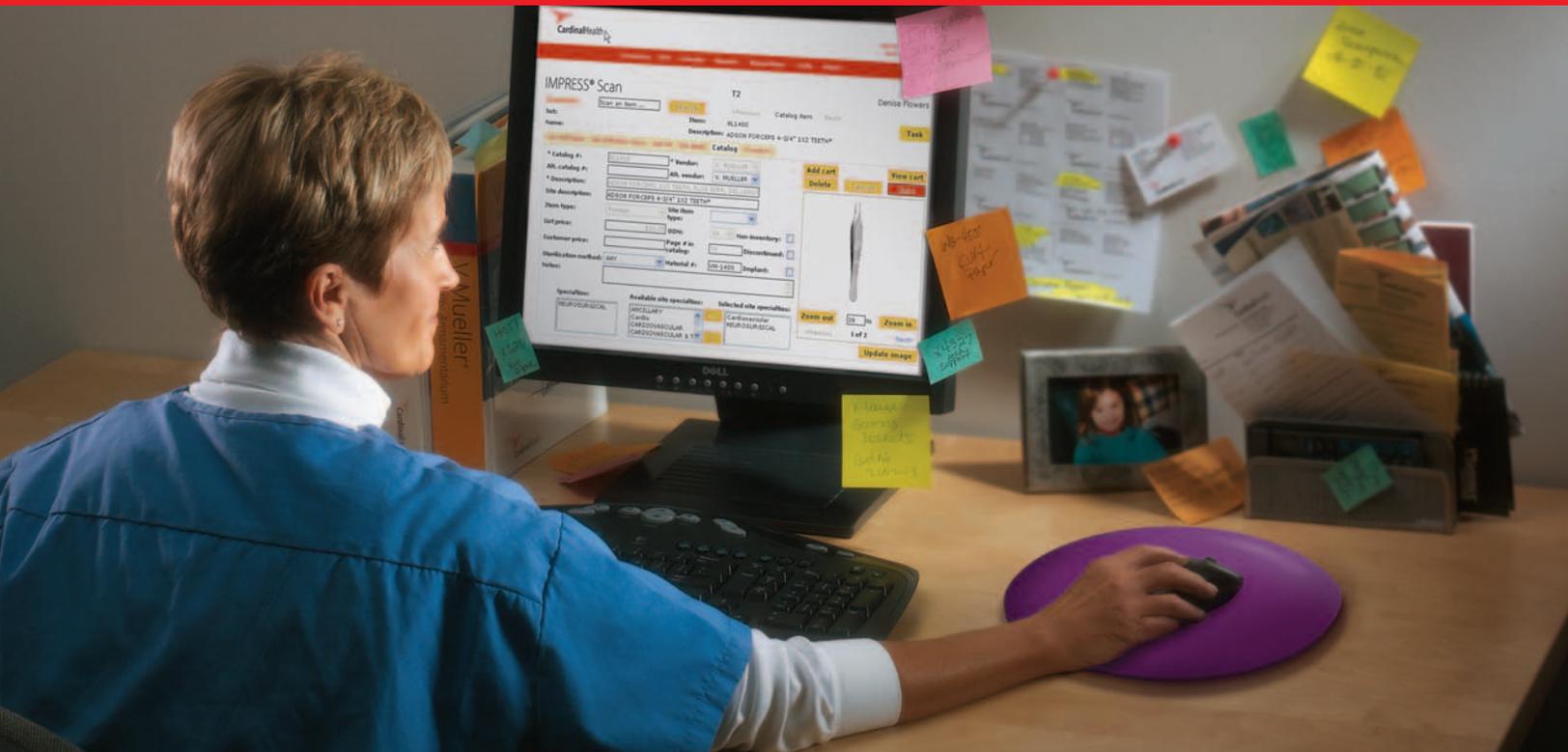
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Solutions

We go beyond surgical instrumentation to provide innovative programs and services that help you maximize your instrument investment. For instance, we offer one of the most powerful and easy-to-use instrument management systems on the market. Our Hold-Shelf™ program provides customized tray shipping and complete one-line billing at your request. And our convenient repair services keep your scissors sharp and your needle holders grasping.

We put surgical instruments in your hands and a world of resources at your fingertips.

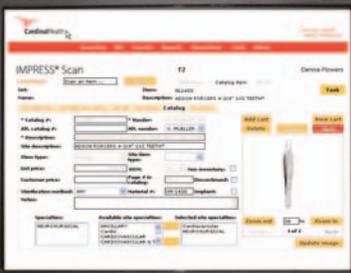
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Get more from your surgical instruments.

IMPRESS® Instrument Management Software

Wherever instruments go, IMPRESS® is there. This state-of-the-art system offers:

- Web-based, real-time data
- Tracking of sets, peel packs and even single instruments anywhere in the work cycle
- On-screen digital images for single instruments and sets help staff verify identity and confirm proper assembly
- Automated sterilization load numbers and step-by-step guides help ensure correct sterilization procedures
- Automated record keeping and on-demand reports provide actionable information
- Wireless, multisite capability for versatility and convenience

Hold-Shelf™ Program

This unique, no cost program can streamline product intake and distribution:

- Orders compiled and held in our distribution center until complete, or until your specified ship date; orders not invoiced until shipped
- Shipments packed per your specification, ensuring all ordered instruments are delivered to the correct department and specialty
- Orders arrive packed by set, significantly reducing time required to inventory and sort
- Fewer shipments and invoices, resulting in lower administrative costs

OnSiteSM Repair Service

Our instruments are built to last a lifetime, but when something happens, OnSiteSM repair specialists can bring instruments back to their original function with guaranteed repairs:

- Trained specialists repair any brand of general, micro, laparoscopic and specialty instrumentation, as well as Genesis™ containers
- Fleet of service vans provide convenient repairs at your facility
- Instruments may also be sent to our state-of-the-art National Repair Center

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