

Sterilization and Materials Management Solutions





The heart of your practice.

Patient protection goes beyond processes and protocols. It's about purpose and place to expedite materials management and streamline workflow. It considers durability to withstand wet, harsh dental environments. And it helps ensure compliance by intuitively and safely guiding the dental team through the sterilization process. That's a big ask. But with more than five decades in the dental industry, thoughtful design based on the way dental teams practice is second nature to A-dec.[®]

Now we've taken the sterilization center one step further with modular, exponentially configurable units that stop and start where needed, and adapt to any floorplan—large, small or irregular. When it comes down to it, the sterilization center may be called the heart of the practice, but people are the heart of the dental industry. And nothing is more important than protecting you and your patients.



STERILIZATION FRONT AND CENTER.

As infection control becomes increasingly more public, the sterilization center is no longer something to hide away in the back room. Many patients are requesting a tour as they visit prospective offices. While they may not be experts in infection control, savvy patients can tell the difference between a well-organized, hygienic process and one that may expose them to unwanted hazards.

When materials move efficiently, so do you.

A-dec sterilization centers are organized into functional workspaces, with specified areas for receiving, cleaning, preparation, packaging, sterilization and storage. You can easily group together related steps and simplify the entire sterilization process. The furniture design follows recommended CDC protocol, creating a safe, consistent process and streamlining the flow of materials: Load materials and instruments directly from the sterilization center or sterilized storage, deliver them to the treatment room, and return used materials for processing. Everything is in position and ready when you are, optimizing labor—one of your highest costs.





Create a safer, more efficient environment.



RECEIVE INSTRUMENTS

In this high-turnover area, an orderly design with a clearly defined entry and exit helps streamline instrument flow and increase efficiency. Designated spaces for dirty instruments eliminate clutter when you're in a hurry.



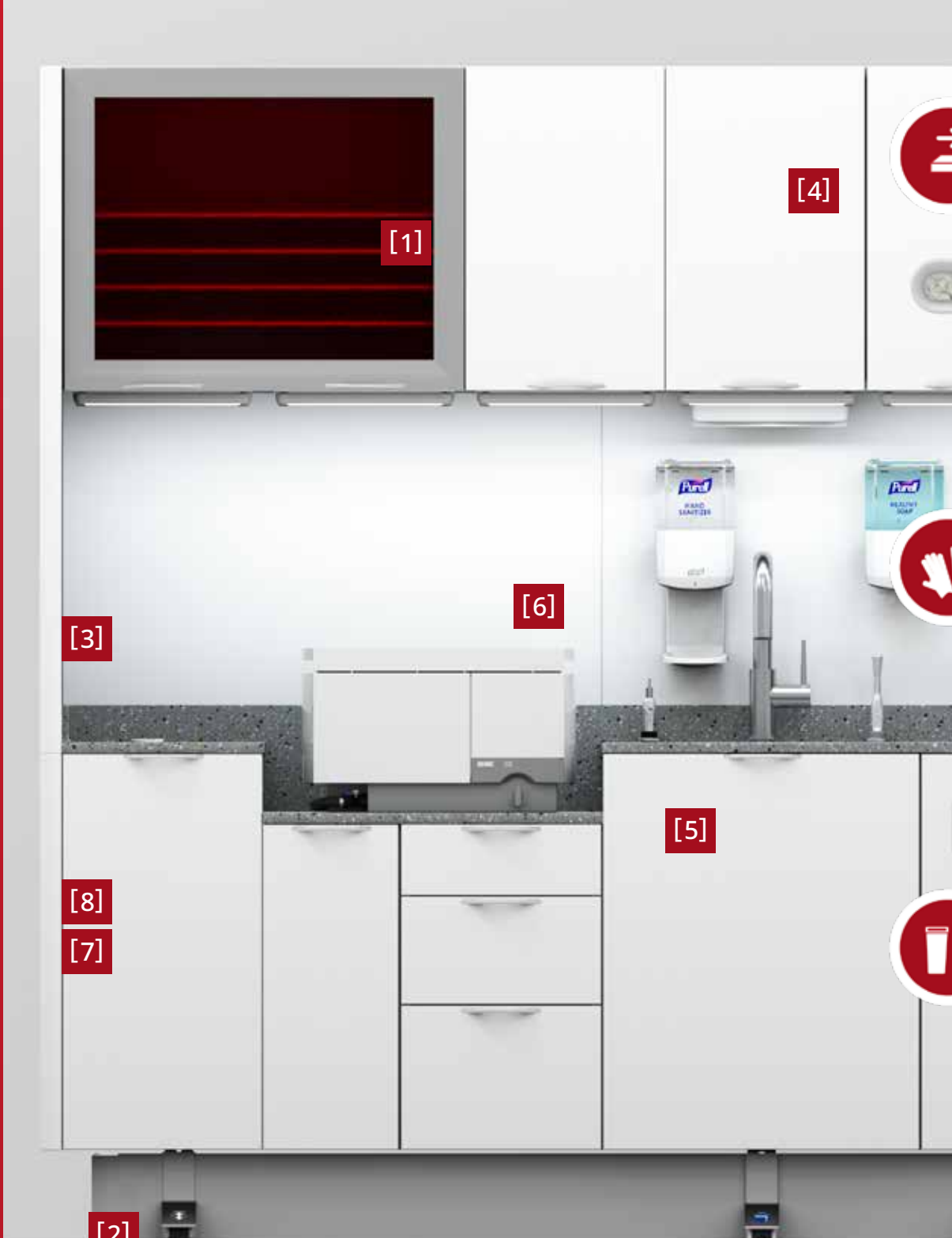
PROTECT OPERATORS

Red infill indicates contaminated. Blue indicates clean. With visual cues and separate storage spaces, dental workers decrease the chance of cross contamination or accidental exposure to microorganisms and contaminants.



MANAGE WASTE

Designated containers allow the dental team to safely separate sharps, biowaste and trash, simplifying waste management and adherence to safety guidelines.





[1] REDUCE TOUCHPOINTS

When you're too busy to begin processing right away, the foot-activated upper receiving area stores the dirty materials and keeps the sterilization area clutter free.



[2] KEEP IT HANDS FREE

Use the convenient foot control to access the upper storage compartment while holding trays of soiled instruments.



[3] REDUCE CONTAMINATION

A safe distance between the temporary receiving area and countertop gives you plenty of space to work.



[4] KEEP IT CLEAR

Strategically located holders keep appropriate gloves within reach for sterilization tasks.



[5] CHOOSE SAFETY

Conveniently access and store puncture- and chemical-resistant utility gloves.



[6] ACTIVATE HANDS FREE

Motion-activated soap dispenser eliminates one more touchpoint, reducing the risk of cross contamination.



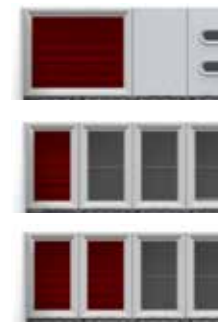
[7] DISPOSE SHARPS

Forget to dispose sharps in the treatment room? No worries. The out-of-sight backup container is there when you need it.



[8] SEPARATE WASTE

Strategically located waste drop containers separate sharps and biohazard from trash for proper disposal. Hands-free activation.



RECEIVING UPPER OPTIONS:

28" Auto (hands-free) opening

14" Manual opening

28" Manual opening



MATCHING FLEXIBILITY

If you don't want red or blue infills, you can select one that matches your other cabinetry. The choice is yours.



PRESOAK

When instruments can't be processed right away, you need a designated place to store them—and cluttering up the countertop isn't it. Pre-soak drawers keep bioburden from drying until you can complete the cycle.



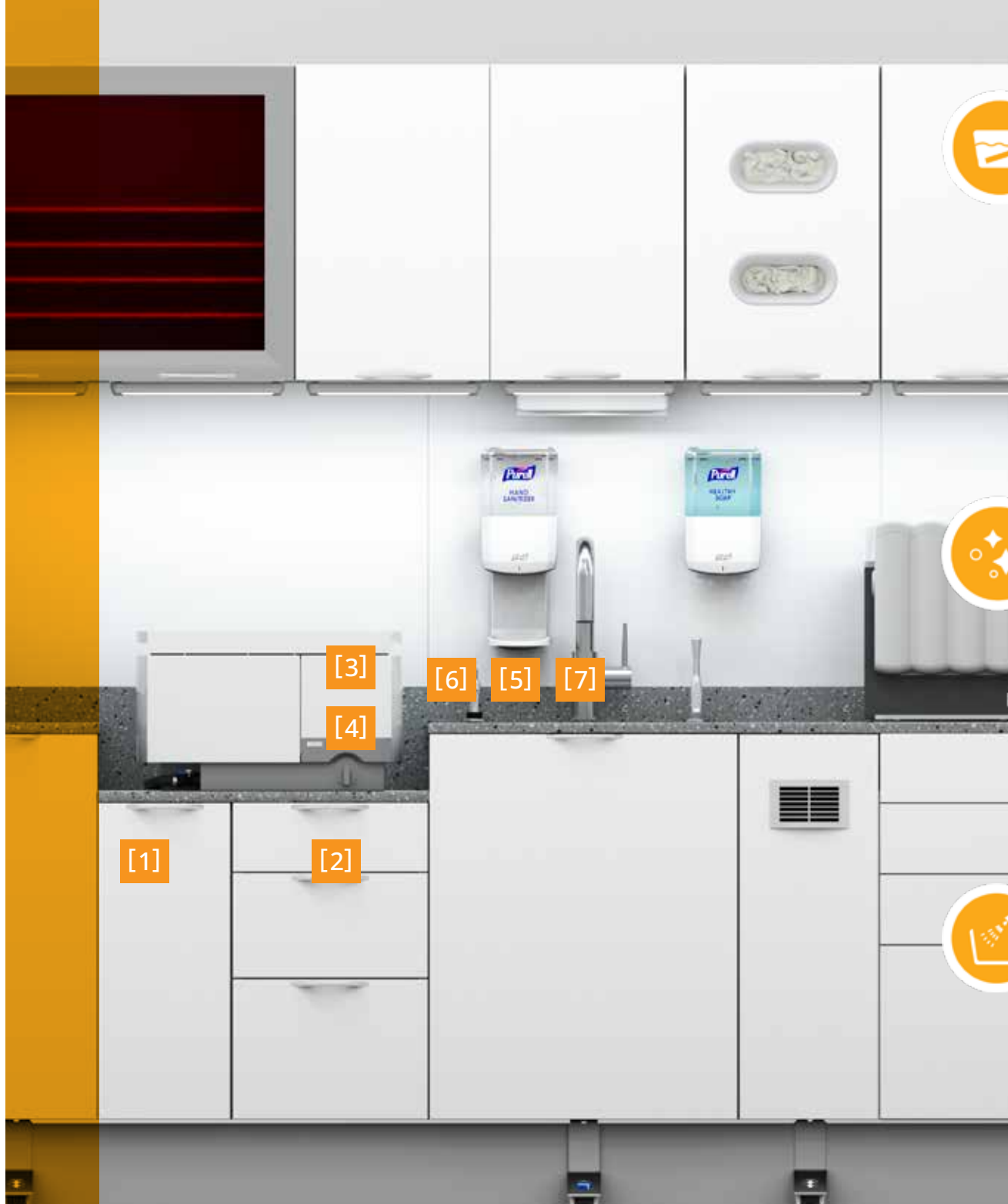
CLEAN

Cleaning is one of the most critical steps in reprocessing instruments. Clearly designated zones keep dirty instruments and materials from contaminating other areas of the sterilization center.



RINSE

The space to adequately rinse cassettes, baskets or oversized items without splashing is key to this important step in completing the cleaning process.





- [1] INHIBIT BIOBURDEN**
Specially designed injection molded pre-soak drawers hold contaminated instruments and prevent bioburden from drying as they wait for reprocessing.



- [2] PREVENT DAMAGE**
Spill-resistant pre-soak drawers hold enzymatic cleaning solution to prevent instrument damage. Stainless steel transfer baskets expedite the transfer process.



- [3] BE FLEXIBLE**
Receiving modules accommodate various sizes and brands of automated cleaning devices, ultrasonic cleaners, instrument washers and handpiece maintenance devices.



- [4] GET COMFORTABLE**
Accessible, lowered tabletop modules feel just right to comfortably unload tabletop ultrasonic cleaners.



- [5] RINSE SMART**
Pull-down faucet rinses instruments with stream or spray. It's activated by the foot pedal, so your hands can remain free for cleaning and rinsing.



- [6] REMOVE EXCESS WATER**
Air syringe removes excess water and debris from outside and inside hollow instruments and handpieces.



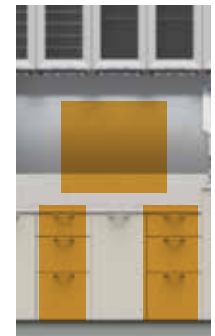
- [7] CLEAN UP FAST**
High-volume evacuator (HVE) cleans up spills and removes liquids from surfaces and presoak drawers.



- DUAL SINKS**
Two separate 594 configurations offer flexibility if you need more than one sink.



- SPACE SAVING**
24" or 28" module holds recessed ultrasonic cleaners.



- ADDITIONAL ULTRASONICS**
There is space to add additional ultrasonic cleaning modules for larger or growing dental practices and clinics, 24" or 28".



LUBRICATE AND FLUSH

As reusable medical devices, handpieces undergo extensive reprocessing after every use. If the sterilization center isn't well organized and sequential, the entire cycle bottlenecks... and the waiting begins.



DRY

Efficiently prep and dry the next load of instruments while the sterilizer is running to keep the process moving.



PACKAGE

Organized supplies and strategically located supply drawers expedite the packaging process.





[1] PROTECT YOUR INVESTMENT

Lubricating internal handpiece components and removing debris reduces friction and extends the life of your handpiece.



[2] DRY INSTRUMENTS

Built-in dryer ensures that instruments are thoroughly dry before going into the autoclave, for the longevity of both.



[3] ELIMINATE SECOND GUESSING

Built-in dryer includes an On/Off motion sensor above the counter. An indicator light signals when the dryer is active, so there's no second-guessing if there's a cycle in progress.



[4] INCREASE WORKSPACE

Space at a premium? Configure wrapping drawers below the sterilizer for an added surface (approximately four square feet).



[5] ADD COLOR-CODED CONFIDENCE

Assign a color for each procedure and these tray inserts allow you to create a streamlined, stress-free routine from setup to sterilization.



[6] EASE EYESTRAIN

Accurate LED task lighting is easy on the eyes as you inspect instruments prior to bagging or wrapping.



SMALL SPACE SINK

Smaller, more shallow sink increases flexibility in smaller floor plans. Add a large utility glove holder and small waste container to keep it tidy.



10" INSTRUMENT DRYER

Configure the location where it's most convenient within your workflow. Dryer cycle time is less than sterilizer time, which can minimize handoff inefficiencies.



FLEXIBILITY THAT FITS

Add 14" storage and trash drop modules, or up to 112" in single-height countertops.



STERILIZE

Dental instruments are potential agents for pathogenic transmission from patient-to-patient, patient-to-doctor (and vice versa), placing dental health professionals on the front line of the war against infection. That means the processes you follow and equipment you use to sterilize instruments are critical tools in protecting patients and staff alike. As the most essential step in the reprocessing cycle, sterilization also takes the longest to complete. But with an efficient, systematic sterilization center, you can maintain a safe and healthy practice—and save valuable time.





[1] MAINTAIN ORDER

With designated built-in space for a sterilizer (and the option for multiple), teams can maintain an orderly workflow.



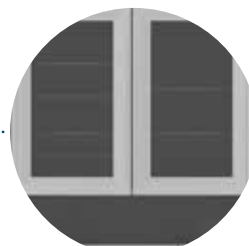
[2] IMPROVE TRACEABILITY

Attaching printed bar code labels to each load helps ensure compliance with CDC package labeling requirements.



[3] SLIDE OUT FOR CONVENIENCE

Slide-out shelf is engineered specifically to bear the sterilizer's weight and protect the cabinet and floor from spills and moisture.



[4] PREVENT STEAM DAMAGE

Designed for the dental environment, a metal upper cabinet base wards off blasts of steam and prevents moisture damage.



[5] CONTAIN SPILLS

Integrated, slide-out waterproof shelf is engineered to accommodate cassette-style autoclaves and protect the cabinet and floor from potential liquid spills.



[6] STREAMLINE FLOW

Drawer inserts come in many configurations to streamline the storage and flow of sterilized materials.

Scalability & Capacity



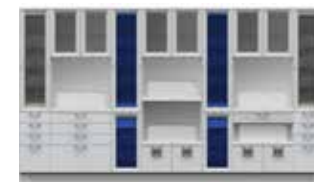
LOCATION DIVIDERS

Add storage towers between sterilization areas to divide and organize.



AESTHETICS

Match your other cabinet infills, or choose blue with an aluminum frame door to visually designate clean.



MULTIPLE TOWERS

The option to add up to 15 modules per configuration lets you have a smooth and efficient sterilization process regardless of practice size.



STORE AND STAGE

Your materials and instruments are properly sterilized. Now keep them safe in storage that protects instrument packages from tears, punctures, water splashes and moisture.



MANAGE MATERIALS

Planning and controlling the flow of materials and supplies is critical to the successful daily operation of a practice. Decades in the dental industry have taught us the intricate details and time-saving organizational tricks that keep everything in place and encourage adherence to process and protocol.

You'll see them here.





[1] CUSTOMIZE STORAGE

Every office is different, and our modular concept allows the dental team to organize materials to reflect workflow.



[2] CHANGE YOUR MIND

Your materials belong in a box, not you. These completely customizable bins let you arrange—and rearrange—just the way you like.



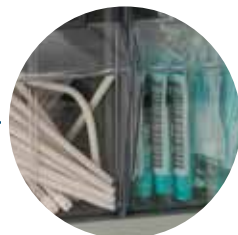
[3] PREP TUBS AND TRAYS

Customizable bins in the make-ready station neatly hold items to prep trays and tubs for procedures. So set up and restocking is orderly and intuitive.



[4] REMOVE AND RESTOCK

Organize. Reorganize. Remove. Clean. Clear removable bins make it easy to manage supplies at a glance.



[5] ORGANIZE CONFIDENTLY

Maximum visibility means you can find what you need quickly, and efficiently move on.



[6] CUSTOMIZE DRAWERS

Divided sections and flexible organizer bin arrangement let you customize a productive set up for your practice.



[7] TILT-OUT BINS

Clear, tilt-out bins make it easy to see what's inside, while keeping supplies safely enclosed.



[8] REPOSITION ACCORDINGLY

Easily moveable wire instrument storage racks accommodate large trays and cassettes.

Scalability & Capacity



START AND STOP FLEXIBILITY

Sometimes space (or budget) requires a different sterilization configuration. A-dec's modular design grants the flexibility to create a system that works for you.



MULTIPLE TOWERS

Regardless of practice size, the customizable make-ready option adds efficient access and improved inventory control over materials management.

CREATED FOR DENTISTRY. MADE FOR THE DENTAL ENVIRONMENT



MOISTURE-RESISTANT SHELVING

Sturdy, slide-out waterproof shelves hold automated cleaning equipment and include a channel to contain spills and simplify removal of liquids.

SMARTLY ORGANIZED

Instrument storage racks are shaped to accommodate large trays and cassettes. (They're also durable, simple to remove, and easy to clean.)

COLOR-MATCHED TASK LIGHTING

Integrated, accurate LED task lighting softly illuminates the countertop while you work. Energy efficient and color matched to A-dec LED dental lights.

ABUSE RESISTANT

Designed for the dental environment, the powder-coated handles won't wear or tarnish over the life of the product.

MENT.



ROBUST AND LONG LASTING

Heavy-duty cam lock fasteners, 2mm PVC edgebanding, melamine interior surfaces, and high-strength European hinges all add up to maximized cabinet life and long-term value.

CORROSION-FREE FOUNDATION

The heavy-gauge steel subbase is pretreated with a polyester powder-coat finish that protects against rust and corrosion. The subbase is removable for leveling and access.

RIGOROUSLY TESTED

Surface and cabinetry materials are chemically safe and scrupulously tested to withstand the inherently harsh sterilization center processes.

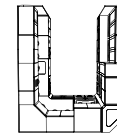
Technical drawing of a stage layout for a performance. The drawing shows a top-down view of the stage with various equipment and dimensions. Dimensions are given in feet and inches. The stage is divided into sections by vertical lines. Equipment includes microphones, speakers, and other stage gear. The drawing is labeled with "DTR" and "R".

The image displays two detailed floor plans of a dental suite, labeled 'ORAL SURGERY' and 'XRAY'. The 'ORAL SURGERY' plan shows a large room with a central surgical unit, a control console, and a patient area. The 'XRAY' plan shows a smaller room with a control console and a patient area. Both plans include dimensions and color-coded areas.

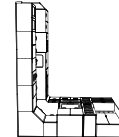


SCALABLE CAPACITY

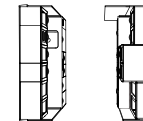
Lets you maximize practice space—no matter the size.



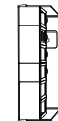
U-SHAPED
Sterilization Center



L-SHAPED
Sterilization Center



GALLEY
Sterilization Center



STRAIGHT
Sterilization Center



COMPACT FOR SMALL PRACTICES

Flexible modules allow small-space practices to fit a compact, efficient sterilization center into the plan. This one offers room to reprocess, plus eight feet of additional storage.

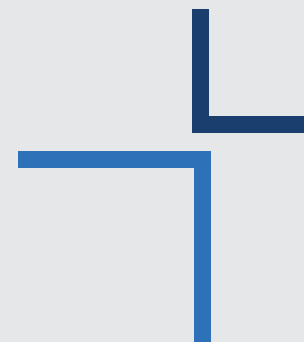


HIGH CAPACITY FOR HIGH VOLUME

Large clinics, DSOs and schools, need to process a high volume of instruments, in a space that can handle multiple team members. This example is 22 feet.

Transitional endcaps allow you to connect multiple configurations.

A transitional endcap paired with a divider provides a physical barrier between the Receiving and Cleaning, and Preparation and Packaging areas.



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85.0882.00/BB/1.5M/5-22/Rev C