

Axiom

Model : AX12-S1-TF

Medical Cabinet Collection



Countertop & Sink Specifications

Countertop

Countertop Material		Corian® Solid Surface (USA by DuPont)
Countertop Thickness		12 mm
Seamless Construction		YES
Countertop Front Edge		40 mm Built-up
Backsplash		100 mm
Anti-Drip Edge		YES
Non-Porous Surface		YES
Chemical Resistance		YES
Moisture Resistance		YES
Easy-Clean		YES

Sink

Sink Material		Corian® Solid Surface (USA by DuPont)
Sink Type		One-Piece Molded
Integrated with Countertop		YES
Sink Seamless Construction		YES
Sink Internal Corners		Fully Rounded
Sink Easy-Clean		YES

Technical Data Sheet



Cabinet Specifications

Cabinet Construction

Modular Construction	Upper & Lower Cabinet Modules
Cabinet Design	Floating Wall-Mounted Design
Sloped Top Panel	For Easy-Clean
Structure	Knock-Down (KD)

Core Material

Core Material Type	MR - MDF
Core Thickness	18 mm
Core Grade	Formaldehyde Emission Class - EO
Moisture Resistance	YES
Core Density	0.78 g/cm ³
Static Bending Strength	38.1 MPa
Modulus of Elasticity	3880 MPa
Internal Bond Strength	1.28 MPa
Surface Bond Strength	1.67 MPa
Thickness Swelling	0.044
Moisture Content	0.052
Formaldehyde Emission	Avg. 0.2 mg/L

Cabinet Finish

Finish Material		Thermofoil (PVC Film) (Germany by RENOLIT)
Film Thickness		0.35 - 0.45 mm
Cabinet Edge Finish		Thermofoil (PVC Film)
Finish Seamless Edges		YES
Film Scratch Resistance		YES
Film Moisture Resistance		YES
Hygienic Surface Finish		YES
Film Chemical Resistance		YES
Film Heat Resistance		YES
Film Steam Resistance		YES
Film UV Resistance		YES - Normal Clinical

Mirror

Mirror Thickness	6 mm
Copper-Free	YES
Low-Iron Glass	YES
Nano Hydrophobic Coating	YES
Mirror Easy-Clean	YES

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Hardware & Accessories Specifications

Hinges

Manufacturer		Blum - (Austria)
Model		75B1550
Material		Nickel-Plated Steel
Soft-Close		Integrated BLUMOTION
Opening Angle		107°
3-Way Adjustment		YES
Tool-Free CLIP Mounting		YES
BLUMOTION Deactivation		YES

Push-to-Open

Manufacturer		Blum - (Austria)
Type		TIP-ON
Model		956.1005S
Material		Nylon
Smooth Operation		YES

Handles

Manufacturer		Sugatsune LAMP® (Japan)
Model		SRH-128
Material		Aluminum Alloy (ADC)
Handles Finish		Silver Enamel
Handles Antibacterial Coating		YES
Corrosion Resistance		YES
Handles Easy-Clean		YES

Others

Glove Box Holder	Stainless Steel 304
Metal Support Brackets	5mm
Heavy-Duty Hanging Strip	Metal

Approved Suppliers

Key hardware, surface materials, and accessories are sourced from internationally recognized manufacturers to ensure reliable performance, durability, and consistent quality.



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Applications & Features



Fully Thermofoil-Wrapped Surfaces
(PVC Film)



Heavy-Duty Hanging Strip



Floating Wall-Mounted Design for
Easy Cleaning



Sloped Top Design



Anti-Drip Countertop Edge



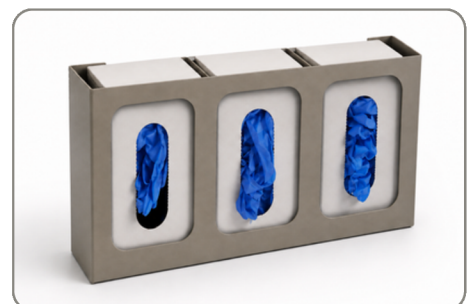
Seamless One-Piece Molded Sink



Waste Receptacle Cabinet



Integrated Glove Storage



Stainless Steel Glove Box Holder



Antibacterial-Coated Handle



Adjustable Shelves



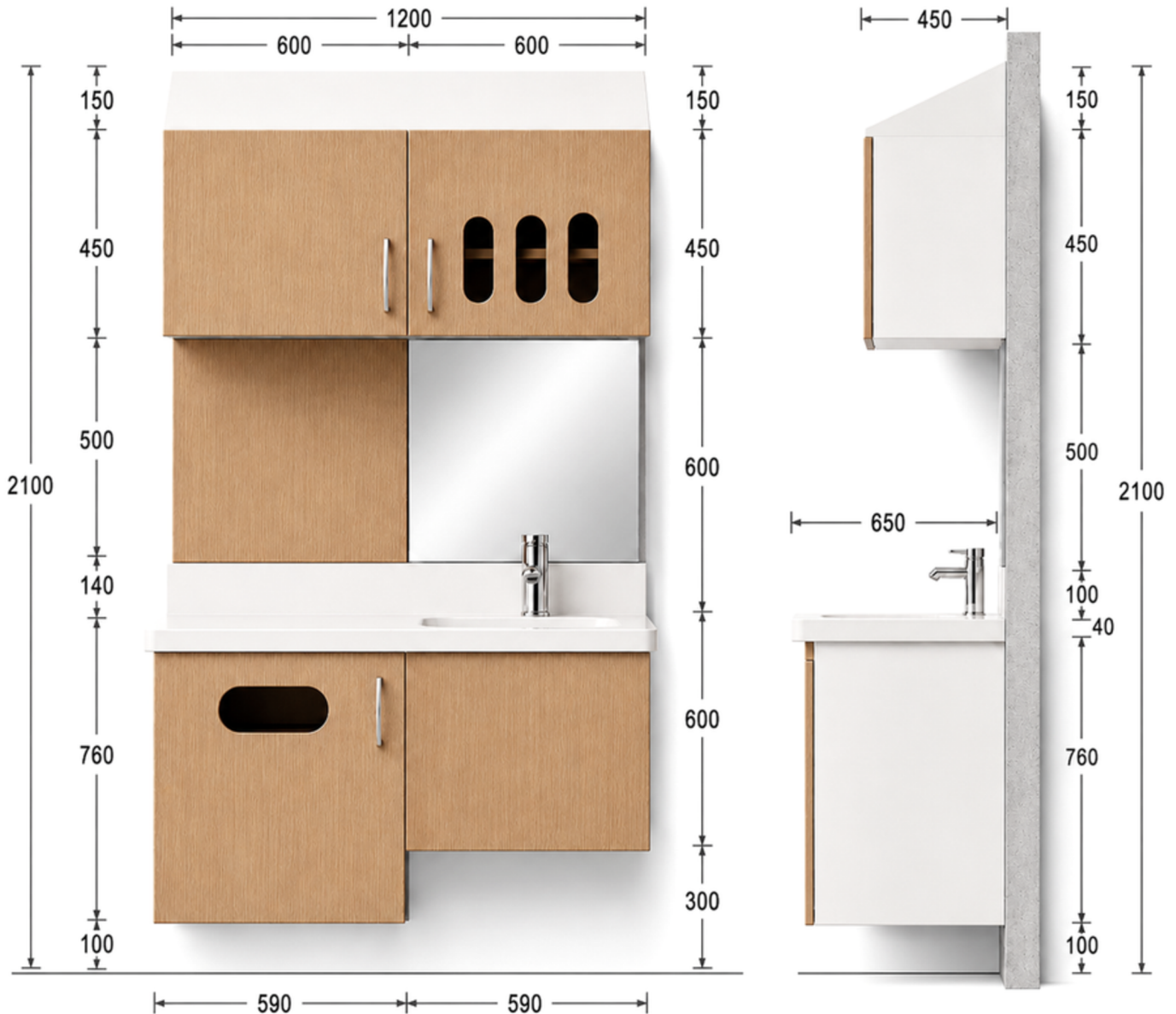
Heavy-Duty Metal Support Brackets

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Technical Drawing & Dimensions



Feature Design & Healthcare Benefit

Floating Wall-Mounted Design

Clear floor space for easier cleaning and improved hygiene.

Integrated Healthcare Workstation

Combines storage, washing, and work functions in one organized configuration to support efficient clinical workflows.

Integrated Seamless Sink & Anti-Drip Countertop

One-piece molded construction with rounded internal corners minimizes joints and hard-to-clean areas, while the anti-drip edge helps control water runoff.

Sloped Top Design

Angled surfaces help prevent dust and items from accumulating, making the cabinet easier to maintain.

Healthcare-Grade Materials

Selected materials support durability, cleanability, moisture resistance, and routine maintenance in healthcare environments.

Antibacterial-Coated Handles

Antibacterial coating on frequently touched handles helps support hygienic maintenance in clinical environments.

Core Material Specifications

Core Material Type : MR - MDF

Moisture-resistant MDF is an engineered wood panel providing a smooth, stable substrate for durable cabinet construction and hygienic surface finishes.

Core Thickness

Panel thickness contributes to rigidity, dimensional stability, and load-bearing performance, supporting reliable daily use.

Core Grade

The board grade indicates its classification and performance characteristics, supporting consistent material performance.

Core Moisture Resistance

Moisture-resistant construction helps reduce swelling and dimensional changes caused by humidity, cleaning, and occasional moisture exposure.

Core Density

Density influences strength, screw-holding capability, and overall cabinet stability, supporting durable construction.

Core Static Bending Strength

Indicates the material's ability to resist bending under sustained loads, helping maintain cabinet integrity during long-term use.

Core Modulus of Elasticity

Measures resistance to deformation under load. Adequate stiffness helps maintain cabinet shape and alignment during repeated use.

Core Internal Bond Strength

Indicates the strength between internal wood fibers, supporting structural integrity and resistance to failure.

Core Surface Bond Strength

Describes the ability of the board surface to resist separation or delamination, supporting reliable application of protective finishes.

Core Thickness Swelling

Indicates dimensional expansion when exposed to moisture. Lower swelling helps maintain accurate joints, door gaps, and cabinet dimensions.

Core Moisture Content

Controlled moisture content supports dimensional stability and helps reduce material movement after installation.

Core Formaldehyde Emission

Indicates the level of formaldehyde released from the material. Lower emissions support improved indoor air quality.

Cabinet Finish Specifications

Thermofoil (PVC Film)

Thermofoil is a PVC film thermally bonded to the substrate, providing a continuous, durable, and easy-to-clean cabinet surface.

Film Thickness

Film thickness contributes to surface durability, protection, and resistance to everyday wear and handling.

Cabinet Edge Finish

Thermofoil-wrapped edges provide a continuous finish around exposed edges, reducing visible joints and areas where dirt or moisture may accumulate.

Finish Seamless Edges

Seamless wrapping minimizes exposed seams and joints, supporting easier cleaning and maintenance.

Film Scratch Resistance

Indicates the finish's ability to resist surface damage from everyday contact and routine cleaning.

Film Moisture Resistance

Helps protect the cabinet surface from moisture exposure and reduces the risk of finish deterioration during cleaning and use.

Film Steam Resistance

Helps the finish withstand occasional exposure to steam and high humidity where moisture is present.

Film UV Resistance

Helps reduce discoloration and surface degradation caused by light exposure, maintaining a consistent appearance.

Hygienic Surface Finish

A smooth, non-porous finish can be cleaned effectively and helps minimize areas where dirt and contaminants may accumulate.

Film Chemical Resistance

Helps the finish withstand exposure to commonly used cleaning and disinfecting agents.

Film Heat Resistance

Helps the surface tolerate elevated temperatures encountered during normal use and cleaning.

Mirror Specifications

Mirror Thickness

Contributes to rigidity, durability, and resistance to handling damage.

Copper-Free

A copper-free backing system helps improve resistance to corrosion and edge deterioration, supporting longer service life in humid conditions.

Low-Iron Glass

Provides greater optical clarity and a more neutral reflection for a clean, accurate appearance.

Nano Hydrophobic Coating

Helps repel water and reduce the adhesion of moisture and contaminants, making routine cleaning easier.

Mirror Easy-Clean

A treated surface is easier to clean and maintain, helping reduce cleaning effort.

Countertop Specifications

Countertop Material

Solid-surface material provides a durable, hygienic, and non-porous work surface suitable for clinical applications.

Countertop Thickness

Provides structural stability and durability for daily use, including frequent cleaning and equipment handling.

Countertop Seamless Construction

Minimizes joints and gaps where dirt, moisture, and contaminants may accumulate, supporting easier cleaning.

Countertop Front Edge

Provides a durable finished profile while helping protect the countertop edge from impact and daily wear.

Countertop Backsplash

Helps protect the wall from water, splashes, and cleaning activities while simplifying maintenance around the work area.

Anti-Drip Edge

Helps prevent liquids from running over the front edge onto cabinets, floors, or personnel.

Non-Porous Surface

Prevents absorption of liquids and contaminants, supporting hygienic surface maintenance.

Countertop Chemical Resistance

Helps the surface withstand exposure to commonly used cleaning and disinfecting agents.

Countertop Moisture Resistance

Helps prevent moisture penetration and maintain surface integrity in areas exposed to frequent washing and cleaning.

Countertop Easy-Clean

Allows routine cleaning and disinfection to be performed efficiently.

Sink Specifications

Sink Material

Solid-surface material provides a durable, hygienic, and non-porous sink surface.

Sink Type

One-piece molded construction provides smooth, continuous surfaces that minimize areas where contaminants can collect.

Sink Integrated with Countertop

Creates a continuous transition between the countertop and sink, simplifying cleaning and maintenance.

Sink Seamless Construction

Eliminates visible joints around the sink, reducing potential contamination points and facilitating routine disinfection.

Sink Internal Corners

Fully rounded corners minimize hard-to-reach areas where dirt and residue may accumulate.

Sink Easy-Clean

Supports efficient routine cleaning and disinfection.

Hinges Specifications

Soft-Close

Provides controlled and quiet door closing, reducing impact, noise, and unnecessary wear.

Opening Angle

Defines the maximum door opening range, providing convenient access while maintaining suitable clearance.

3-Way Adjustment

Allows precise adjustment of door height, depth, and lateral position to maintain consistent alignment.

BLUMOTION Deactivation

Allows the soft-close function to be disabled when required for specific cabinet configurations or operational needs.

Tool-Free CLIP Mounting

Enables quick installation and removal of cabinet doors without specialized tools, simplifying maintenance and service.

Handles Specifications

Handles Antibacterial Coating

A treated surface designed to inhibit bacterial growth on frequently touched handle surfaces.

Handles Corrosion Resistance

Helps protect the handle from deterioration caused by moisture, cleaning agents, and humid conditions.

Handles Easy-Clean

Provides a surface that can be cleaned efficiently, supporting routine disinfection.

Push-to-Open Specifications

Push-to-Open Smooth Operation

Provides consistent and controlled door opening for convenient daily use.

Other Components Specifications

Glove Box Holder

Provides a dedicated location for disposable gloves, keeping frequently used PPE organized and readily accessible.

Metal Support Brackets

Provide structural support and load distribution for wall-mounted cabinetry, contributing to stability and secure installation.

Heavy-Duty Hanging Strip

Provides a continuous structural mounting system for securely attaching wall-mounted cabinets while facilitating installation and alignment.