

SafMed

Sterile Storage & Transport Solutions



Sterile Storage & Transportation Overview

To provide an instrument or device that is safe to use on a patient, that instrument/device must pass through several decontamination steps and processes. The steps (as shown below) include cleaning, inspection, packing, sterilization and proper transportation. In addition, several quality control process must be adhered to.

This document describes the SafMed sterile storage & transport products that can be used in the various steps of the decontamination process.



Health Technical Memorandum 01-01: 2016 Management and decontamination of surgical instruments
Part A: Management and provision DOH UK Crown.

Fixed & Mobile Standard Storage Systems

The SafMed Standard Storage unit can be used in various areas in the hospital from the sterile storage area to transporting linen or other non-sterile items. The range of shelf sizes, upright heights and the optional mobile use of this system offers logistics and nursing staff a myriad of possibilities.

Standard Fixed configurations:

1. Fixed 5-level chrome wire shelves (600x960x1700mm)
2. Fixed 4-level chrome wire shelves (600x960x1700mm)

Standard Mobile Configuration:

1. Mobile 5-level chrome wire shelves with mobile castors (600x960x1700mm)
2. Mobile 4-level chrome wire shelves with mobile castors (600x960x1700mm)



Flexible System: The uprights and shelves are available in various sizes; this system will allow you to make the best possible use of the available space.

Adjustable: With adjustable shelves that allow you to tailor the unit to items you wish to store in them.

Stationary & Mobile: The racks have been designed for stationary and mobile use. For stationary use, the uprights are fitted with an adjustable foot while the mobile uprights can be fitted with swivel castors.

Sterile Storage Friendly: Uprights have been designed with smooth finishes made from Stainless Steel for durability and to maintain hygiene.

The chrome nickel plated wire shelves are light and steady and can hold up to 40-50kg of weight on each level. The Chrome Wire Shelves have been designed to allow sterile packs to breathe and cool down.

*Available in stainless steel and chromated steel shelving.

SafMed Modular Storage System

The SafMed Modular Storage System was developed with quick assembly, functionality, durability, and stability in mind. The result is a bespoke storage system made from anodized aluminium and other high-quality, anti-static synthetic materials, which can be used in both a sterile storage and non-sterile environment.

Fixed Modular Shelving:

- Single Column 400x600x1700 – with 10 runners and baskets/wire shelves
- Single Column 900x600x1700 – with 8 chrome wire shelves and profiles

The above-mentioned columns can be integrated together and are fully customizable depending on your sterile storage requirements.



Easy assembly and cleaning: The columns, connection sets, guides and shelves can be assembled quickly and easily without extra tools. The SafMed Modular storage system can be easily cleaned and disinfected.

Modular Design: The SafMed Modular Shelving System provides extensive possibilities for modular set-ups, with deep/wide columns (60 x 40 cm or DIN 60 x 90 cm) in combination with shelves varying between 40 cm and 90 cm. The modular design of the system means you can build according to the available space.

Strong: The SafMed Modular Shelving System has a load-bearing capacity of a maximum 600 kg per column. Maximum 40 kg per pair of guides and a maximum 120 kg per shelf (with evenly distributed packs).

Pass-Through Set-up: Because of the unique design, in which no reinforcement is required on the back, the system can also be used in a “pass-through” set-up and its items are thus accessible from both sides. If required additional shelving profiles can be added to avoid packages sliding through.

SafMed Knock Down Trolley System

The UBeFlex® columns are available in a movable version with 20 usable runner positions per column. Unused positions can be covered with plastic caps. The Knockdown trolley is fitted with small wheels (Ø 50 mm), so that it can be moved for floor cleaning.

Mobile Configuration:

- Single column: 40x600 column with 10x Runners & Baskets/wire shelves
- Double Column: 40x600 columns with 20x Runners & Baskets/wire shelves



Easy mounting and cleaning: The columns, connection sets, guides and shelves can be assembled quickly and easily without extra tools. The UBeFlex® storage system can easily be cleaned and disinfected.

Extremely strong: The UBeFlex® has a load-bearing capacity of max. 600 kg per column. In column set-up max. 25 kg per pair of guides and in shelf set-up max. 150 kg per shelf level, evenly distributed.

Durable Material: All the materials are resistant to corrosion and can be safely cleaned and disinfected. The materials are resistant to UV and heat.

Closed Transport Trolleys

These anodised aluminium modular carts have been manufactured in accordance with ISO size 400 x 600 mm. The nylon runners, which can accommodate stainless steel, PC or polypropylene baskets and trays, ensure that goods can be transported softly and noiselessly. The standard distance between the runners is 114 mm. Fitted with an extra bumper at the top of the cart and a lock, our aluminium transport carts are a safe and ergonomic external transport means for sterile and non-sterile items.

Option A: ISO 1 Closed Trolley:

Equipped with n.4 grey anti-mark rubber wheels Ø125 mm, with supports in galvanized steel (two fix and two swivel), arranged at the corners.

Inner dim.: 465 x 625 x 1280 h mm

Outer dim.: 520 x 710 x 1500 h mm



Maximising Hygiene & cleanness:

The body of the trolley is a unique piece of aluminium sheet, with vertical terminal edges flapped at the outside. Designed without junctions and/or interstices inside, to allow for effective cleaning & disinfection.

Interchangeable Shelving Solutions:

ISO 1: Each ISO 1 Closed Trolley can carry up to 10 ISO norm baskets (600 x 400 mm) or ISO norm wire shelves. Baskets can be configured with dividers.

Option B: ISO 2 Closed Trolley:

Equipped with n.4 grey anti-mark rubber wheels Ø200 mm, with supports in galvanized steel (two fix and two swivel), arranged at the corners.

The inside of the trolley is equipped with 2 vertical compartments with 18 guides for the baskets; each of them can carry an ISO norm basket 600 x 400 mm. The guides are made of nylon fibre glass and stay in vertical light alloy profiles. They can be removed for easy cleaning.

Inner dim.: 895 x 625 x 1190 h mm

Outer dim.: 1000 x 710 x 1500 h mm



Maximising Hygiene & cleanness:

The body of the trolley is a unique piece of aluminium sheet, with vertical terminal edges flapped at the outside, without junctions and/or interstices inside, to guarantee the maximum level of hygiene and cleanness during the washing and sterilisation phase.

Interchangeable Shelving Solutions:

ISO 2: 18 couples of guides for the baskets; each of them can carry ISO norm baskets 600 x 400 mm or ISO norm wire shelves. Baskets can be configured with divided for better compartmentalisation:

Instrument Trays:

Our instrument trays have been manufactured from highly polished AISI 304L grade stainless steel. Thanks to their smooth and dimensionally stable base, you can rest assured that all your instruments will firmly stay in place. Careful attention has been paid to preventing perforations in packaging and great thought has been put into helping you optimise your sterilisation process.

The instrument trays have been manufactured in such a way that you will never have to worry about holes or cavities that could harbour dirt. The fine, 2 mm holes made by the punch pattern have permeability of more than 50%, which can only benefit the washing process. The sides protect the instruments against damage and have been designed to accommodate extra fine instruments.

Standard DIN Sizes:

- Oversize DIN Instrument Trays (480 x 300 x 64mm)
- Full DIN Instrument Trays (480 x 250x 64mm)
- Half DIN Instrument Trays (240 x 250x 64mm)



Accessories: Plastic Baskets & Dividers

Our injection moulded polycarbonate (PC) modules and baskets are impact-resistant, durable and transparent due to the carefully selected raw and other materials combined with continuous quality control throughout the entire production process.

The standard ISO external dimensions, i.e. 600 x 400 mm, ensure that the modules can be used in all our storage and transport systems, medical care and medication distribution carts. The modules are available in heights of 50 and 100 mm and can be subdivided by means of PC dividers.

These baskets form the main building blocks of the 'First in, First-Out' system.

The PC modules constitute the basis of the logistical system. They are used to store and transport medication and goods and are interchangeable between storage systems, and transport carts.



Plastic Basket with open base & sides



Plastic Long & Short Dividers



The dividers of the baskets click into the open sides and are thus well secured. The dividers of the closed modules slot into grooves.

Custom Made Stainless Steel Tables & Shelving:

SafMed offers custom made stainless-steel tables & shelving systems that can be made to the required specifications using medical grade 304 stainless steel. For more information please contact us directly for a quotation.

