

INFECTION PREVENTION AND STERILISATION



INTRODUCTION



HYGIENE PROTECTS AND SAVES LIVES

Professional hand disinfection, qualified cleaning and the disinfection of surfaces and decontamination of medical devices – these are easily implemented measures from which patients, their visitors, personnel and even the clinic or practice itself benefit enormously. Good hygiene; no other practice has so much potential for preventing infections and patient complication, thereby sustainably preserving financial resources and reputation.

Insufficiently defined processes, incorrect application or a lack of knowledge often represent the source of error. To ensure animal safety and safety for veterinary health care practitioners, B. Braun Vet Care provides customized safety concepts, training and a wide product range of personal protective equipment and disinfectants.

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Section 1

Infection Prevention, Sterilisation

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HAND HYGIENE

AN IDEAL SURGICAL HAND DISINFECTING AGENT SHOULD HAVE THE FOLLOWING PERFORMANCE CHARACTERISTICS:

ANTIMICROBIAL ACTION



Broad spectrum antimicrobial activity against pathogenic organisms that works rapidly.¹



PERSISTENT

ACTIVITY

An ideal hand disinfecting agent should have persistent activity that keeps bacterial count low under gloves.¹

SAFETY

An ideal hand disinfecting agent should be non-irritating, safe to use and not be damaging to the skin or environment.¹

ACCEPTANCE



An ideal hand disinfecting agent should encourage compliance & support from Healthcare users in adapting to a new product.¹

COMMON AGENTS USED IN THE OPERATING THEATRE ENVIRONMENT

GOOD LIQUID OR FOAM SOAPS BETTER IMPREGNATED SCRUB BRUSHES/SPONGES

STATE-OF-THE-ART ALCOHOL BASED SURGICAL HAND RUBS (ABHRs)



Liquid or foam medical soap used in conjunction with water and dry scrub brushes are the most common products used for surgical scrub. Antimicrobial agents in these products include CHG (chlorhexidine gluconate), iodophor or PCMX (parachlorometaxylenol) which are very drying, and with repeated scrubbing, can cause skin damage.⁵

Mitchell and colleagues suggested a brushless surgical hand scrub as early as the 1980s.²



Scrub brushes/sponges preloaded with CHG, iodophor or PCMX are water-aided products. Skin irritation and dermatitis are more frequently observed after surgical hand scrub with chlorhexidine.⁴

Loeb's randomised, controlled clinical trial, published in the American Journal of Infection Control, failed to demonstrate an additional antimicrobial effect by using a brush.⁵

The antimicrobial efficacy of alcoholbased formulations is a superior method of preoperative surgical hand preparation. Alcohol rubs have rapid and immediate antibacterial action; and do not eliminate good microorganisms naturally present on the skin.³

Alcohol rubs are less drying to the skin; allergy is rare and toxic effects have not been reported.^{6,7,8}

SURGICAL HAND SCRUBBING VERSUS SURGICAL HAND RUBBING

COST OF SURGICAL HAND SCRUBBING VERSUS ALCOHOL BASED HAND RUBBING:



Tavollacci study compared the efficacy of Surgical Hand Rubbing (SHR) against efficacy of Surgical Hand Scrubbing (SHS). The costs of SHR and SHS were estimated based on standard hospitals costs. The study concluded that SHR had immediate efficacy similar to that of SHS, however SHR had more lasting effect. SHR reduced costs by 67%. In summary, SHR is a cost-effective alternative to SHS.⁹

HAND SCRUBBING VERSUS ALCOHOL BASED HAND RUBBING: TIME SAVINGS



Studies demonstrate that SHR is 150% quicker in achieving Surgical Standard EN12791 which allows more time to focus on the operation list.¹⁰

HAND SCRUBBING VERSUS ALCOHOL BASED HAND RUBBING: SKIN TOLERABILITY



A Healthcare Worker's (HCW) hand after 2 weeks of hand hygiene using non-medicated liquid soap with 2% chlorhexidine containing solution; showed hand cracks and evidence of bleeding.



After 2 weeks of application of an alcohol based hand rub containg emollients.

REFERENCES

- 1. ICT: Infection Control Today Best practices: How To Perform Surgical Hand Scrubs. May 1, 2001 Posted in HYPERLINK "http://www. infectioncontroltoday.com/articles.aspx" Hand Antisepsis By Deborah Gardner, LPN, OPAC, and Ellen Anderson-Manz, RN, BSN
- 2. Mitchell KG, Rawluk DJR. Skin reactions related to surgical scrub-up: results of a Scottish survey. British Journal of Surgery. 1984;71:223– 224
- 3. WHO Guidelines on Hand Hygiene in Healthcare, Side Effects of Surgical Hand Scrub (2009), Section 13.4, pg.4
- 4. Parienti Et Al. (2002) Handrubbing with an Aqueous Alcoholic solution vs. traditional Surgical Hand-Scrubbing and 30-day Surgical Site Infection rates. A randomised Equivalence Study, JAMA. 2002; 288(6) 722–727
- 5. Loeb MB, et al. A randomized trial of surgical scrubbing with a brush compared to antiseptic soap alone. American Journal of Infection Control. 1997;25:11–15
- 6. Parienti Et Al. (2002) Handrubbing with an Aqueous Alcoholic solution vs. traditional Surgical Hand-Scrubbing and 30-day Surgical Site Infection rates. A randomised Equivalence Study, JAMA. 2002; 288(6) 722–727
- 7. Lai, K, Foo, T et al. Surgical hand antisepsis a pilot study comparing povidone iodine hand scrub and alcohol-based chlorhexidine gluconate hand rub. Ann Acad Med Sinagapore 2012; 41:12-16.
- 8. Tavollacci, M, Pitrou, I, et al. Surgical hand rubbing compared with surgical hand scrubbing: comparison of efficacy and costs. J Hosp Infect 2006; 63:55–59.
- 9. M.P. Tavollacci et. al. (2006), Surgical hand rubbing compared with surgical hand scrubbing: comparison of efficacy and costs.
- 10. MedInsight (2014, Clinical and economic report on the use of alcoholic solutions for surgical hands preparation in Brazilian hospital settings.



Training aid available for fluro rub and UV Trainer

- Raises compliance and improves hand rubbing technique
- Supports correct hand disinfection
- Improves learning success

Safe UV-technology, excellent light and contrast in combination with FluoRub. Ready to use within a few seconds, practical size and light to carry.

Description	Size	Box Qty	Article No.
Litecheck UV Trainer	1	1	3908469
Fluro Rub	100 ml	1	18787

WHAT MAKES SOFTA-MAN® UNIQUE?

An unusual name for a unique product. "MAN" is short for manus, latin for hands: your hands are your primary tool and it makes sense that you protect them.

"The antimicrobial efficacy of alcohol based hand formulations is superior to that of all surgical hand preparation. "(WHO Guidelines on Hand Hygiene in Health Care, 2008. p- 56)"

Enriched with high quality skin protectors (dexpantherol allantoin and bisabolol) and moisturisers, Softa-Man[®] is suitable for frequent and long term use. It contains hypoallergenic perfumes, is free of colourants and is conveniently available in a liquid and gel solution.



Conforms to Hygienic Hand Disinfection EN1500, Surgical Hand Disinfection EN12791

BENEFITS

- Unique two alcohol solution is effective against a broad spectrum of microbes
- "Importantly, when testing the same concentration, the results clearly demonstrated that the efficacy range was N-propanol is the most active, followed by ethanol then isoproponal." (WHO Guidelines on Hand Hygiene in Health Care, 2009, p, 46)
- Protects sensitive skin incorporates emollients designed to make the epidermal layers of the skin softer and more pliable.
- Inline with the WHO Global Patient Safety Campaign

APPLICATION/EXPOSURE TIMES

- Hygienic hand disinfection = 30 seconds
- Surgical hand disinfection = 90 seconds



* Reference Studies: World Health Organisation. (2009). WHO Guidelines on Hand Hygiene in Health Care; First Global Patient Safety Challenge Clean Care is Safer Care. Geneva, Switzerland. World Health Organisation Press.

FINGER PICK



- Pre-Surgical Fingernail Picks
- Non-sterile
- Single use only
- Latex free

Ideal for use prior to Softa-Man[®] Surgical hand disinfectant to remove dirt and contaminant found under the fingernail.

Description	Size (pc)	Box Qty	Article No.
Finger Pick	100	1	FP100VC

SOFTA-MAN® LIQUID



- Unique two alcohol solution is effective against a broad spectrum of microbes
- Protects sensitive skin incorporates emollients designed to make the epidermal layers of the skin softer and more pliable.
- In line with the WHO Global Patient Safety campaign

Description	Size (ml)	Box Qty	Article No.
Softa-Man® Liquid Flip Cap	100	20	19699
Softa-Man [®] Liquid Pump Pack - "Tamper proof"	500	10	19700
Softa-Man [®] Liquid Pump Pack	1000	10	19844

SOFTA-MAN[®] GEL



- Unique two alcohol solution is effective against a broad spectrum of microbes
- Protects sensitive skin incorporates emollients designed to make the epidermal layers of the skin softer and more pliable.
- Inline with the WHO Global Patient Safety campaign

Description	Size (ml)	Box Qty	Article No.
Softa-Man [®] Gel Flip Cap	100	20	19701
Softa-Man [®] Gel Pump Pack "Tamper proof"	500	10	19702
Softa-Man [®] Gel Pump Pack	1000	10	19846

LIFOSAN® SOFT



- Low-allergenic formula hand and body wash
- pH-skin neutral
- Free of alkali and soap
- Good foaming characteristic
- Contains high quality skin care components
- Suitable for frequent use fresh, pleasant fragrance

Description	Size (ml)	Box Qty	Article No.
Lifosan [®] Soft 500ml Pump Pack	500	20	18950
Lifosan [®] Soft 1 Litre Pump Pack	1000	10	18951

LIFOSAN® PURE



Description	Size (ml)	Box Qty	Article No.
Lifosan® Pure 500ml	500	20	19012
Lifosan® Pure 1 Litre	1000	10	19013

LINOVERA® OIL 50ML SPRAY



Linovera[®] is a liquid solution of Hyperoxygenated Essential Fatty Acids (EFA) that helps to maintain skin elasticity and donates moisture to promote skin repair. EFAs help to:

- Hydrate and repair the skin
- Improve and promote cell renewal
- Increase central and peripheral blood circulation
- Help prevent degradation of skin conditions

- Promote skin integrity
- Protect against external agents
- Improve skin resistance
- Repair the upper epidermis
- Stimulate the synthesis of collagen

May assist in the treatment and prevention of;

- Stage 1 pressure ulcers
- Dehydrated Skin
- Fragile skin
- Erythema

Description	Size (ml)	Box Qty	Article No.
Linovera® Oil 50ml Spray	50	1	481187

TRIXOLIND®



Trixolind[®] is moisture lotion for extremely dry, irritated skin Properties:

- Oil-in-water emulsion
- Free of colourants
- Skin-neutral pH
- Extremely sensitive skin
- Provides the skin with intensive care
- Skin-soothing ingredients
- Allergy tested

Application:

- After handwashing
- After hands are exposed to severe conditions.
- For moisturising particularly drv skin

Description	Size (ml)	Box Qty	Article No.
Trixolind® 100ml	100	10	18605
Trixolind [®] 500ml	500	10	18953

HOW TO PERFORM ALCOHOL BASED HAND RUBBING ACCORDING TO WHO GUIDELINE ON SURGICAL HAND PREPARATION



Apply 5mls of Softa-Man[®] (equivalent to approximately 3 elbow pump actions) into your left palm and dip fingernails of right hand in the left palm for 5 seconds.

Afterwards bring the left hand with the alcohol solution to the right wrist and rub around the wrist in a circular motion all the way to the elbow for 10 seconds.

Apply 5mls of Softa-Man[®] (equivalent to approximately 3 elbow pump actions) into your right palm and dip fingernails of left hand in the right palm for 5 seconds.

Afterwards bring the right hand with the alcohol solution to the left wrist and rub around the wrist in a circular motion all the way to the elbow for 10 seconds.

Apply 5 mls of Softa-Man[®] (equivalent to approximately 3 elbow pump actions) to left palm and rub vigorously in the following order for 15 seconds:

- a) palm to palm b) fingers interlace
- d) knuckles e) thumbs
- c) back of hands

Allow both hands to dry (approx. 30 seconds) before donning gloves.

ACCESSORIES FOR SOFTA-MAN[®] AND SKIN HEALTH RANGE

WALL DISPENSER WITH PLASTIC PUMP



- Aluminium housing
- Adjustable dosing from 0.5 ml to 1.5 ml
- Plastic pump is compatible with B. Braun alcohol hand rubs, hand washing lotions and hand care lotions
- All parts except the plastic pump can be reprocessed in a washer disinfector with a pHneutral cleaner and autoclaved at 134 °C and 3 bar

Description	Size	Qty	Article No
Visible lever arm length : 170mm	500ml	1	1418894
Visible lever arm length : 170mm	1000ml	1	1418895

ACCESSORIES FOR WALL DISPENSER



- Drip tray with white plastic tray
- Prevents dripping onto the floor
- Locking plate for manually operated dispensers incl. lock and key
- Anodized aluminium

Description	Size	Qty	Article No
Drip Tray for short or long arm	500ml	1	3908232
Drip Tray for short or long arm	1000ml	1	3908240
Locking plate for short or long arm	500ml	1	2400067
Locking plate for short or long arm	1000ml	1	2400064

AUTOMATIC TOUCHLESS DISPENSER WITH DRIP TRAY



- Sensor operated dispenser improves hygienic safety
- For all B. Braun hand disinfectants, liquid soaps and skin care lotions
- Autoclavable pump (max 123°C)
- Scratch resistant casing made of anodized aluminium
- Battery operated
- With emergency operating lever in case of drained battery
- Adjustable dosing 0.75 1.5 ml including drip tray

Description	Size	Qty	Article No
Automatic Touchless Dispenser	500ml	1	4400774
Automatic Touchless Dispenser	1000ml	1	3908403

Note: Warranty of dispensers is void if other than B. Braun products are used.

Please contact your B. Braun representative for any other dispensers, brackets and accessories not listed here.

AUTOMATIC TOUCHLESS DISPENSER WITHOUT DRIP TRAY



- Sensor operated dispenser improves hygienic safety
- For all B. Braun hand disinfectants, liquid soaps and skin care lotions
- Autoclavable pump (max 123°C)
- Scratch resistant casing made of anodised aluminium
- Battery operated
- With emergency operating lever
- Adjustable dosing 0.75 1.5 ml

Description	Size	Qty	Article No
Automatic Touchless Dispenser	500ml	1	1420140
Automatic Touchless Dispenser	1000ml	1	3908393

AUTOMATIC TOUCHLESS DISPENSER ACCESSORIES



- For 500 ml and 1000 ml bottles
- To lock the product into Touchless Dispenser
- Plastic tray

Description	Size	Qty	Article No
Drip Tray	500ml & 1000ml	1	3908394
Locking Plate	500ml & 1000ml	1	3908395

FREE HANGING BRACKET



Description	Size	Qty	Article No
Free Hanging Bracket	500ml	1	3908342
Free Hanging Bracket	1000ml	1	3908341

WALL BRACKET



- Made of stainless steel
- Wall hung bracket for use in all areas of the clinic.
- Available for 500ml and 1000ml bottles

Description	Size	Qty	Article No
Wall Bracket	500ml	1	19438WB
Wall Bracket	1000ml	1	19439WB

WALL BRACKET WHITE



- White powder coated wall bracket
- Available for 500ml and 1000ml bottles

Description	Size	Qty	Article No
Wall bracket white	500ml	1	3908331
Wall bracket white	1000ml	1	3908332

WIRE BRACKET



For use over a sink or cage door

Description	Size	Qty	Article No
Wire bracket	500ml	1	1416337

METAL PUMP FOR WALL DISPENSER PLUS

- High-quality stainless steel pump (exchangeable) for the delivery of liquid soaps without abrasives, disinfectants, lotions etc.
- Suitable for special ranges of application in 500 ml or 1000 ml bottles as well as for short lever or long lever versions
- Can be reprocessed in a washer disinfector with a pH neutral cleaner
- The metal pump can be autoclaved at 134 °C and 3 bar

Description	Size	Qty	Article No
Metal pump	500ml	1	4400008
Metal pump	1000ml	1	4400007

HAND PUMP WITH REFLUX VALVE



Reflux valveDosage approx, 2 ml

Description	Size	Qty	Article No
Hand pump reflux valve	500ml	1	3908380
Hand pump reflux valve	1000ml	1	3908381

HAND PUMP WITH REFLUX VALVE AND LONG NOZZLE



Reflux valveDosage approx, 1.7 ml

Description	Size	Qty	Article No
Hand pump reflux valve long nozzle	500ml	1	3908405
Hand pump reflux valve long nozzle	1000ml	1	3908404

SIGNAL FRAME FOR WALL DISPENSER PLUS



- Powder coated stainless steel signal frame to hang over the fitted dispenser backplate for 500ml or 1000ml bottles.
- Helps to easily identify different hand products

Description	Size	Qty	Article No
Signal Frame Yellow	500ml	1	1419031
Signal Frame Red	500ml	1	1419032
Signal Frame Green	500ml	1	1419033
Signal Frame Yellow	1000ml	1	1419034
Signal Frame Red	1000ml	1	1419035
Signal Frame Green	1000ml	1	1419036

DISINFECT BACKING SIGN



- Disinfect backing sign to suit 500ml or 1000ml bottles / brackets
- Ideal to put up in all areas of the clinic
- Clear visual aid for hand disinfection

Description	Size	Qty	Article No
Disinfect Backing Sign	500ml	1	DFS500
Disinfect Backing Sign	1000ml	1	DFS1000

SOFTA-MAN® PREP TIMER



- B. Braun timer allows you to set the timer as required
- Once time has lapsed there will be a clear audible beep.

Available upon request by contacting your local B. Braun rep

Description	Size	Qty	Article No
Softaman [®] Prep Timer	Softaman [®] Prep Timer 500ml		Prep Timer

CLIPS

CROCODILE CLIP



Crocodile clip for a 100ml bottle to hang on a pocket or pouch
 No crocodiles were harmed during the manufacture of the product

Description	Size	Qty	Article No
Crocodile clip	4 cm	1	3908191

JOJO CLIP



Retractable belt clip for a 100ml bottle

Description	Size	Qty	Article No
JoJo clip	Extended length 50cm	1	3908409

ACCESSORIES COMPATIBILITY WITH SKIN CARE AND HAND HYGIENE PRODUCTS

			SKIN		ompatib ND han[UCTS
	PRODUCT CODE	DESCRIPTION	Trixo [®] -lind 500ml	Body Wash 500ml	Body Wash 1000ml	Softa-man [®] 100ml	Softa-man [®] 500ml	Softa-man [®] 1000ml
	1416337	White Wire Bed Bracket, for 500ml	~	~			~	
FREE HANGING BRACKETS	3908342	Stainless Steel Bed Bracket With Clamp, for 500ml	 ✓ 	 ✓ 			 ✓ 	
	3908341	Stainless Steel Bed Bracket With Clamp, for 1000ml			 ✓ 			✓
	19738WB	Basic Wall Bracket, for 500ml	✓	✓			~	
WALL	19439WB	Arm Lever for Basic Wall Bracket, for 500ml			✓	✓		✓
BRACKETS	3908331	White (Powder Coated) Wall Bracket, for 500ml	~	~			~	
	3908332	White (Powder Coated) Wall Bracket, for 1000ml			~			✓
LOCKABLE	3908417	Lockable Wall Bracket, for 500ml	~	~			~	
WALL BRACKETS	3908431	Lockable Wall Bracket, for 1000ml			~			✓

	82176	Standard 1ml hand pump accessory for 500ml	\checkmark	✓			\checkmark	
	82177	Standard 1ml hand pump accessory for 1000ml			~			~
HAND PUMPS	3908380	Reflux 2ml hand pump accessory (ideal for levered system), for 500ml	~	~			~	
	3908381	Reflux 2ml hand pump accessory (ideal for levered system) for 1000ml			✓			 ✓
	3908188	Belt Clip to hang Bottle, for 100ml				✓		
CLIPS	3908191	Crocodile Clip (to hang a bottle on pocket), for 100ml				✓		
	3908409	JOJO retractable belt clip, for 100ml				✓		
	4400774	Automatic Touchless Dispenser System, with Drip Tray, for 500ml	✓	~			✓	
	3908403	Automatic Touchless Dispenser System, with Drip Tray, for 1000ml			~			✓
AUTOMATIC DISPENSERS	3908394	Drip Tray for Basic Touchless Dispenser, for 500ml or 1000ml	~	~	~	~	~	\checkmark
	3908395	Locking Plate for Basic Touchless Dispenser, for 500ml or 1000ml	~	~	~	~	~	✓
	1420140	Basic Touchless Dispenser, no drip tray, for 500ml	✓	~			 ✓ 	
	3908393	Basic Touchless Dispenser, no drip tray, for 1000ml			✓			~

ACCESSORIES COMPATIBILITY WITH SKIN CARE AND HAND HYGIENE PRODUCTS

				COMPATIBILITY WITH SKIN CARE AND HAND HYGIENE PRO						
	PRODUCT CODE	DESCRIPTION	Trixo [®] -lind 500ml	Body Wash 500ml	Body Wash 1000ml	Softa-man [®] 100ml	Softa-man [®] 500ml	Softa-man [®] 1000ml		
	1418893	Wall Dispenser Plus With Plastic Pump, with Short Lever, for 500ml	~	~			~			
	1418894	Wall Dispenser Plus With Plastic Pump, with Long Lever, for 500ml	~	~			~			
	1418892	Wall Dispenser Plus With Plastic Pump, with Short Lever, for 1000ml			~			 ✓ 		
	1418895	Wall Dispenser Plus With Plastic Pump, with Long Lever, for 1000ml			~			~		
	4400006	Plastic Pump for Wall Dispenser Plus, for 500ml	✓	\checkmark			~			
	3908232	Drip tray for Wall Dispenser Plus, for 500ml	✓	\checkmark			~			
	2400067	Locking plate for Wall Dispenser Plus, for 500ml	✓	~			~			
WALL	4400008	Metal pump (Critical areas) for Wall Dispenser Plus, for 500ml	✓	\checkmark			~			
DISPENSERS	4400005	Plastic pump for Wall Dispenser Plus, for 1000ml			~			\checkmark		
	3908240	Drip tray for Wall Dispenser Plus, for 1000ml			~			\checkmark		
	2400064	Locking plate for Wall Dispenser Plus, for 1000ml			~			\checkmark		
	4400007	Metal pump (Critical areas) for Wall Dispenser Plus, for 1000ml			~			\checkmark		
	1419031	Signal Frame (Yellow) for Wall Dispenser Plus, for 500ml	✓	~			~			
	1419032	Signal Frame (Red) for Wall Dispenser Plus, for 500ml	✓	~			~			
	1419033	Signal Frame (Green) for Wall Dispenser Plus, for 500ml	✓	~			~			
	1419034	Signal Frame (Yellow) for Wall Dispenser Plus, for 1000ml			~			~		
	1419035	Signal Frame (Red) for Wall Dispenser Plus, for 1000ml			~			\checkmark		
	1419036	Signal Frame (Green) for Wall Dispenser Plus, for 1000ml			✓			\checkmark		

STERILISATION CONTAINERS

STERILE CONTAINER SYSTEMS

Using Aesculap[®] container systems will significantly reduce the costs of consumables and nursing time associated with processing surgical instruments. This can have a direct impact on business profitability.



Containers

For more than 30 years Aesculap[®] sterile containers have represented the worldwide standard for sterile supplies packaging and for the systematic organisation of the sterile supply cycle.

■ As the leading supplier of comprehensive sterile supply management systems worldwide, Aesculap[®] can offer an extensive, clinicially proven product portfolio for sterile packaging.

 Safety for patients and staff through preservation of instrument sterility and closed transportation of used instruments.

Economic advantages due to reusable packaging, low costs of use and long-service life.

- Comfortable handling: Simple, quick and safe.
- Can fit to all types of steam sterilisers.

 Transparency: standardised easy documentation of the supply chain process of de-contamination.

Baskets

Your delicate instruments will be protected even better now by using Aesculap[®] stainless steel instrument baskets.

Close-meshed side walls to prevent breakage of fine instrument tips.

Smooth Surfaces for preventing damage to surgical gloves.

- Lids for special protection of fine instruments during processing, transportation and storage.
- Various handle designs for easier aseptic preparation in the operating room.

With large perforation specially suited for cleaning of instruments contaminated with rough debris (eg. bone chips.

 Fully compatible with the Aesculap[®] Organisation System (AIOS).

Additional user comfort thanks to low weight construction.

AESCULAP® STERILE CONTAINER SYSTEMS LEADING GLOBAL SUPPLIER FOR DECADES





PERFORATED SOFT PACKAGING CAN COMPROMISE KIT STERILITY. ELIMINATE THIS RISK BY USING A TRULY RIGID SYSTEM.

REDUCE THE BLUE BIN WASTE IN YOUR PRACTICE BY USING A RIGID CONTAINER SYSTEM



During 2009-10, there were 21.6 million tonnes of waste received at landfills, with 7.4 million tonnes (34.2%) coming from the domestic and municipal waste stream, 6.7 million tonnes (30.8%) from the commercial and industrial waste stream and 5.6 million tonnes (25.8%) from the construction and demolition waste stream^{*}.

Reference

8698.0 - Waste Management Services, Australia, 2009-10

You can help do your part Go from wrap to rigid





AESCULAP® STERILE CONTAINER SYSTEM QUALITY WITHOUT COMPROMISE - MADE IN GERMANY

Innovation Factory in Tuttlingen - Innovation meets tradition

The AESCULAP® sterile container system has been manufactured at the Tuttlingen/Germany site for more than 45 years. All the components of an AESCULAP® sterile container comply with the national and international requirements and standards (e.g. DIN EN ISO 11607-1). The solid, robust design and the manufacturing technology used by Aesculap® enable the sterile containers, instrument baskets and all the other components to be manufactured with very precise dimensions and a high level of stability.







With a modern industrial architecture, at the Innovation Factory, which was opened in June 2015, Aesculap[®] acts on the B. Braun corporate values: be innovative, increase efficiency and live sustainably. The goal is an intelligent factory. This is characterized by adaptability, efficient use of resources and ergonomic design.

Think about tomorrow today!

The Innovation Factory meets the criteria for the German Sustainable Building Council (DGNB) silver certificate. Among other things, the factory has a fully automated container production line with 10 processing stations, which are linked with seven robots, as well as a fully automated raw materials warehouse with approx, 600 storage areas.

The spacious premises with the latest equipment has space for around 500 employees. Production, development and product management are spatially linked to one another. This ensures a quick and constant exchange between all departments – the basis for a future-oriented finding and implementation of solutions.

BASIS

SIZE 1/1

Lids for individual color combination

Inner Lid				
	Color			
JK485	Red			
JK486	Blue			
JK487	Green			
JK488	Gold			
JK489	Silver			

Oute	r Lid

	Color
JK475A	Red
JK476A	Blue
JK477A	Green
JK478A	Gold
JK479A	Silver







Solid bottoms = JK





Perforated bottoms = JN

TABLES OF DIMENSIONS BASIS

SIZE 1/1

Botton	n 1/1	Inner lid		Outer lid		Sterile container with inner lid	Sterile container with inner and outer lid
	Outside dim.	۔ ب	Outside dim.		Outside dim.	Outside dim. Inside dim.	Outside dim. Inside dim.
JK440	592 x 274 x <mark>90</mark>	JK485 - JK489	588 x 285 x <mark>36</mark>	JK475A - JK479A	588 x 291 x <mark>36</mark>	592 x 285 x 108 544 x 258 x 75	592 x 291 x 115 544 x 258 x 75
JK441	592 x 274 x 120					592 x 285 x 138 544 x 258 x 105	592 x 291 x 145 544 x 258 x 105
JK442	592 x 274 x 135					592 x 285 x 153 544 x 258 x 120	592 x 291 x 160 544 x 258 x 120
JK444	592 x 274 x 1 <mark>87</mark>					592 x 285 x 205 544 x 258 x 172	592 x 291 x 212 544 x 258 x 172
JK446	592 x 274 x 247	-				592 x 285 x 265 544 x 258 x 232	592 x 291 x 272 544 x 258 x 232

Bottom	1/1	Inner lid		Outer lid		Sterile container with inner lid	Sterile container with inner and outer lid
L	Outside dim.		Outside dim.		Outside dim.	Outside dim. Inside dim.	Outside dim. Inside dim.
JN440	592 x 274 x <mark>90</mark>	JK485 - JK489	588 x 285 x 36	JK475A - JK479A	588 x 291 x 36	592 x 285 x 108 544 x 258 x 63	592 x 291 x 115 544 x 258 x 63
JN441	592 x 274 x120					592 x 285 x 138 544 x 258 x 93	592 x 291 x 145 544 x 258 x 93
JN442	592 x 274 x1 <mark>3</mark> 5					592 x 285 x 153 544 x 258 x 108	592 x 291 x 160 544 x 258 x 108
JN444	592 x 274 x1 <mark>87</mark>					592 x 285 x 205 544 x 258 x 160	592 x 291 x 212 544 x 258 x 160
JN446	592 x 274 x247					592 x 285 x 265 544 x 258 x 220	592 x 291 x 272 544 x 258 x 220

All dimensions: Length x Width x Height (mm)

BASIS

SIZE 3/4

Lids for individual color combination

Inner Lid				
	Color			
JK785	Red			
JK786	Blue			
JK787	Green			
JK788	Gold			
JK789	Silver			

Outer Lid

	Color
JK775A	Red
JK776A	Blue
JK777A	Green
JK778A	Gold
JK779A	Silver







Solid bottoms = JK

Perforated bottoms = JN





TABLES OF DIMENSIONS BASIS

SIZE 3/4

Botton	n 3/4	Inner lid		Outer lid		Outer lid		Sterile cont- ainer with inner lid	Sterile con- tainer with inner and outer lid
L]	Outside dim.		Outside dim.		Outside dim.	Outside dim. Inside dim.	Outside dim. Inside dim.		
JK740	470 x 274 x 90	JK785 - JK789	460 x 285 x 36	JK775A - JK779A	460 x 291 x 36	470 x 285 x 108 421 x 258 x 75	470 x 291 x 115 421 x 258 x		
JK741	470 x 274 x 120					470 x 285 x 138 421 x 258 x 105	470 x 291 x 145 421 x 258 x 105		
JK742	470 x 274 x 135					470 x 285 x 153 421 x 258 x 120	470 x 291 x 160 421 x 258 x 120		
JK744	470 x 274 x 187					470 x 285 x 205 421 x 258 x 172	470 x 291 x 212 421 x 258 x 172		

Botton	n 3/4	Inner lid		Outer lid		Sterile cont- ainer with inner lid	Sterile con- tainer with inner and outer lid
L	Outside dim.		Outside dim.		Outside dim.	Outside dim. Inside dim.	Outside dim. Inside dim.
JN740	470 x 274 x <mark>90</mark>	JK785 - JK789	460 x 285 x <mark>36</mark>	JK775A - JK779A	460 x 291 x <mark>36</mark>	470 x 285 x 108 421 x 258 x 63	470 x 291 x 115 421 x 258 x 63
JN741	470 x 274 x 120					470 x 285 x 138 421 x 258 x 93	470 x 291 x 145 421 x 258 x 93
JN742	470 x 274 x 135					470 x 285 x 153 421 x 258 x 108	470 x 291 x 160 421 x 258 x 108
JN744	470 x 274 x 187					470 x 285 x 205 421 x 258 x 160	470 x 291 x 212 421 x 258 x 160

BASIS

SIZE 1/2

Lids for individual color combination

Inner Lid			Outer Lid				
 for JK339	for JK340-JK346	Color	for JK339-JK346	Color			L
JK395	JK385	Red	JK375A	Red	a sub a s	JK339 without	
JK396	JK386	Blue	JK376A	Blue	For Fast For	carrying handle	-
JK397	JK387	Green	JK377A	Green			
JK398	JK388	gold	JK378A	Gold		JK340	JN340
JK399	JK389	silver	JK379A	Silver			
						JK341	JN341
						JK342	JN342
				\leq			
				t		JK344	JN344
						JK346	JN346

Solid bottoms = JK







MINI STERILE CONTAINERS

MINI STERILE CONTAINERS FOR SMALL SETS AND SMALL INSTRUMENTS

The mini sterile containers were developed for small sets (e.g. small-wound treatment) and small, delicate instruments especially for microsurgery.

- Mini sterile containers are suitable for steam sterilisation using the fractionated vacuum process (solid bottom) and using the gravity process (perforated bottom).
- Separately labeled mini sterile containers (please also refer to the next page) are additionally suitable for low-temperature sterilisation processes with hydrogen peroxide in a Sterrad[®] 100 S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100 NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus.
- Mini sterile containers are not suitable for hot air sterilization!







Mini sterile container with easy-to-use locking levers.



MINI STERILE CONTAINERS

Solid bottom = JK



Perforated bottom = JN



Lids for individual	color combination
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	L	Outside dimensions Length x Width x Height (mm)
JK187	JN187	310 x 132 x 30
JK188	JN188	310 x 132 x 57
	JM188*	310 x 132 x 57

	Color	Outside dimensions Length x Width x Height (mm)
JK170	Red	305 x 140 x 25
JK171	Blue	305 x 140 x 25
JK172	Green	305 x 140 x 25
JK173	Gold	305 x 140 x 25
JK174	Silver	305 x 140 x 25
JM174*	Silver	305 x 140 x 25

	Sterile containers, complete Outside dimensions Inside dimensions					
Bottom with Lid						
JK187	310 x 140 x 40 274 x 126 x 21					
JK188	310 x 140 x 67 274 x 126 x 48					

	Sterile containers, complete					
Bottom with Lid						
JN187	310 x 140 x 40 274 x 126 x 18					
JN188	310 x 140 x 67 274 x 126 x 45					
JM188*	310 x 140 x 67 274 x 126 x 45					

DIMENSIONS COMPLETE - Length x Width x Height (mm)

* For low-temperature sterilisation processes with hydrogen peroxide in a Sterrad[®] 100S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus. To be used with disposable filter JF167 (see page 101).

DENTAL STERILE CONTAINERS

DENTAL STERILE CONTAINERS - NOT ONLY FOR DENTAL SURGERY!



AESCULAP® dental sterile containers are particularly suitable for sterile preparation in dental surgeries. Their size conforms to the commonly used DIN 13999 standard trays. The Dental Sterile Container fits into common small sterilizers. A wide range of accessories is available for combining individual instrument sets.

- The easy-to-use locking levers facilitate the aseptic presentation
- Sterile containers can be stacked for space-saving in the sterile supplies cycle.
- Quick-release filter retention plate for quick and easy replacement of AESCULAP[®] sterile filters.
- System-designed trays for processing, thermal disinfection, sterilization, transport and storage of instruments. Suitable sterilisation processes (please also refer to page 20):

Dental sterile containers are suitable for steam sterilisation using the fractionated vacuum process (solid bottom) and using the gravity process (perforated bottom). Dental sterile containers are not suitable for hot air sterilization!

NOTE: This sterile container can be ordered complete (lid and body) under one article number.

		Outside dim. Inside dim.		Outside dim.		Color	Outside dim.
- 14	JN292	312 x 190 x 46 277 x 176 x 27	JK286	312 x 185 x 37	JN091	silver	319 x 190 x <mark>25</mark>
	JN294	312 x 190 x 65 277 x 176 x 46	JK288	312 x 185 x 56			
	JN295	312 x 190 x 92 277 x 176 x 73	JK289	312 x 185 x <mark>83</mark>			
	JN296	312 x 190 x 130 277 x 176 x 111	JK290	312 x 185 x 121			

SOLID BOTTOM

PERFORATED BOTTOM

	ŢŢ	Outside dim. Inside dim.	L	Outside dim.		Color	Outside dim.
16	JN092	312 x 190 x 46 277 x 176 x 20	JN086	312 x 185 x <mark>37</mark>	JN091	silver	319 x 190 x 25
	JN094	312 x 190 x 65 277 x 176 x 39	JN088	312 x 185 x 56			
16	JN095	312 x 190 x 92 277 x 176 x 66	JN089	312 x 185 x 83			
	JN096	312 x 190 x 130 277 x 176 x 104	JN090	312 x 185 x 121			

During 2009–10, there were 21.6 million tonnes of waste received at landfills, with 7.4 million tonnes (34.2%) coming from the domestic and municipal waste stream, 6.7 million tonnes (30.8%) from the commercial and industrial waste stream and 5.6 million tonnes (25.8%) from the construction and demolition waste stream^{*}.

Reference

8698.0 - Waste Management Services, Australia, 2009-10

You can help do your part Go from wrap to rigid



STERILE CONTAINERS FOR SCOPES

SEPARATE STORAGE AND PROVISION FOR SCOPES

- Separate, quick aseptic supply, independent of instrument sets
- Protection of sensitive scopes including light conducting cable during reprocessing, transportation and storage
- Individual design with the organisation system Aesculap[®] InOS[®]
- Protected perforation field
- The handle on the tray lid allows simple aseptic removal

The scope sterile container is suitable for steam sterilisation using the fractionated vacuum process. Separately labeled scope sterile containers (please also refer to the following page) are additionally suitable for low-temperature sterilisation processes with hydrogen peroxide in a Sterrad[®] 100 S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100 NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus. The scope container is not suitable for using in gravity processes!





Note

Sterrad[®] 100 S, Sterrad[®] 200, Sterrad[®] NX and Sterrad[®] 100 NX are registered trademarks of ASP.

V-Pro[•] 1 and V-Pro[•] 1 Plus are registered trademarks of Steris.



SCOPE STERILE CONTAINERS

LID

For the fractionated vacuum process (incl. filter retention plate JK098)





AESCULAP® reusable filter for steam sterilisation, for use with filter retention plate JK098, service life 1,000 cleaning and sterilisation cycles.

Order unit (PAK): Pack of 2

	Outside dimensions Length x Width (mm)	
JK091	95 x 215	JF

TRAY

For up to two laparoscopic scopes and one light cable.



BOTTOM

For the fractionated vacuum process (incl. filter retention plate JK098)



	Outside dimensions Length x Width x Height (mm)
JN021	540 x 144 x 65

Sterile container, complete \bigcirc Outside dimensions Inside dimensions 540 x 152 x 84 503 x 134 x 45

AESCULAP[®] disposable filter for steam sterilisation with process indicator, for use with filter retention plate JK098.

Order unit (PAK): Pack of 100



	Outside dimensions Length x Width (mm)
JF166	118 x 235

Identification label with adhesive back and process indicator* for steam sterilisation and sterilisation with ethylene oxide.

Order unit (PAK): Pack of 100



All dimensions: Length x Width x Height (mm)

	Outside dimensions Length x Width x Height(mm)
JF435R	501 x 134 x 45

LID

For the hydrogen peroxide sterilisation in Sterrad[®] 100 S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100 NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus, (incl. filter retention plate JK098)



	Outside dimensions Length x Width x Height (mm)
JM020	540 x 152 x <mark>28</mark>

Disposable filter for the hydrogen peroxide sterilisation in Sterrad' 100 S, Sterrad' 200, Sterrad' NX, Sterrad' 100 NX, Steris V-Pro' 1 and Steris V-Pro' 1 Plus.

Order unit (PAK): Pack of 100



	Outside dimensions Length x Width (mm)
JF167	235 x 118

Identification label with adhesive back and process indicator* for Sterrad gas plasma sterilisation.

Order unit (PAK): Pack of 100

* acc. to EN ISO 11140-1 Type 1



All dimensions: Length x Width x Height (mm)

	Outside dimensions Length x Width (mm)
JG751	67 x 35

BOTTOM

For the hydrogen peroxide sterilisation in Sterrad[®] 100 S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100 NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus, (incl. filter retention plate JK098)



Outside dimensions Inside dimensions

540 x 152 x 84 503 x 134 x 45

Universal filter retention plate



	Outside dimensions Length x Width x Height (mm)
JK098	245 x 100 x 6

	Outside dimensions Length x Width (mm)
JG750	67 x 35
TRAYS

SPECIAL TRAYS



For small objects





Tray base

2 mm	Outside dim.	4 mm	Outside dim.	4 mm	Outside dim.
perforation	Inside dim.	perforation	Inside dim.	perforation	Inside dim.
JF145R	85 x 44 x 25 80 x 39 x 18	JF155R	236 x 72 x 27 230 x 66 x 20	JF156R	232 x 68 x 61 227 x 61 x 54

4 mm perforation	Outside dim. Inside dim.
JF146R	85 x 44 x 25 80 x 39 x 18
JF147R	354 x 44 x 35 349 x 39 x 28
JF148R	145 x 44 x 25 140 x 39 x 18

Lid, fitting JF156R and JF155R

4 mm	Outside dim.
perforation	Inside dim.
JF157R	236 x 72 x 11

Tray divider, fitting JF156R





For small objects, two trays fitting into an AESCULAP[®] mini sterile container, 2 each fitting into JK188 or JN188





For small objects or microinstruments





For micro instruments fitting into an AESCULAP[®] mini sterile container, fitting into JK188 or JN188

4 mm	Outside dim.
perforation	Inside dim.
JF159R	267 x 125 x 49 261 x 118 x 41

All dimensions: Length x Width x Height (mm)

BASKETS TO PROTECT VALUABLE INSTRUMETNS

GOOD REASONS TO CHOOSE Aesculap® INSTRUMENT BASKETS



Comprehensive product range offering solutions not only for use with the Aesculap $^{\mbox{\tiny B}}$ sterile container system but also for use with single-use wrap

- Various handle designs for an easy aseptic presentation in the operating room
- Close-meshed side walls to prevent breakage of fine instrument tips
- Lids may be used additionally to better protect very fine instruments
- Compatible with the Aesculap $^{\ensuremath{\mathbb{R}}}$ InOS $^{\ensuremath{\mathbb{N}}}$ System
- Rounded feet for stacking made of thermostable plastic or of stainless steel
- Baskets with large perforation (8 mm) specially suited for cleaning and disinfection of instruments with rough debris (e. g. bone chips)

BASKET WITH FEET WITH LARGE PERFORATION



Handles lockable in three positions
 Large base perforation: 8 mm

	Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
رب 56	JH112R	243 x 253 x 56 241 x 251 x 42	JH252R	406 x 253 x 56 404 x 251 x 42	JH222R	540 x 253 x 56 538 x 251 x 42
₇₆	JH113R	243 x 253 x 76 241 x 251 x 62	JH253R	406 x 253 x 106 404 x 251 x 92	JH223R	540 x 253 x 76 538 x 251 x 62
106	JH114R	243 x 253 x 76 241 x 251 x 62	JH254R	406 x 253 x 106 404 x 251 x 92	JH224R	540 x 253 x 106 538 x 251 x 92

BASKET WITH FEET

	Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
₃₆	JF111R	243 x 253 x 36 241 x 251 x 22	JF251R	406 x 253 x 36 404 x 251 x 22	JF221R	540 x 253 x 36 538 x 251 x 22
 56	JF112R	243 x 253 x 56 241 x 251 x 42	JF252R	406 x 253 x 56 404 x 251 x 42	JF222R	540 x 253 x 56 538 x 251 x 42
ــــــا 76	JF113R	243 x 253 x 76 241 x 251 x 62	JF253R	406 x 253 x 106 404 x 251 x 92	JF223R	540 x 253 x 76 538 x 251 x 62
106	JF114R	243 x 253 x 76 241 x 251 x 62	JF254R	406 x 253 x 106 404 x 251 x 92	JF224R	540 x 253 x 106 538 x 251 x 92

BASKET WITHOUT FEET







	Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
₃₆	JG112R	243 x 253 x 56 241 x 251 x 42	JG252R	406 x 253 x 56 404 x 251 x 42	JG222R	540 x 253 x 56 538 x 251 x 42
ـــــــــــــــــــــــــــــــــــــ	JG112R	243 x 253 x 56 241 x 251 x 42	JG252R	406 x 253 x 56 404 x 251 x 42	JG222R	540 x 253 x 56 538 x 251 x 42
₇₆	JG113R	243 x 253 x 76 241 x 251 x 62	JG253R	406 x 253 x 106 404 x 251 x 92	JG223R	540 x 253 x 76 538 x 251 x 62
106	JG114R	243 x 253 x 76 241 x 251 x 62	JG254R	406 x 253 x 106 404 x 251 x 92	JG224R	540 x 253 x 106 538 x 251 x 92

BASKET INSERTS Floating basket





	Standard	Outside dim.	Standard	Outside dim.	Standard	Outside dim.
	1/2	Inside dim.	3/4	Inside dim.	1/1 long	Inside dim.
₃₄	JF110R	196 x 252 x 34 194 x 237 x 33	JF250R	305 x 252 x 34 303 x 237 x 33	JF2201R	438 x 252 x 34 436 x 237 x 33

Lids for JF, JG, JH



Aesculap® TRAY SYSTEMS









- Smooth stainless steel surface
- Large handles for easy aseptic presentation
- Fully compatible with the Aesculap[®] Instrument Organisation System (Aesculap^{®®} InOS[®])
- Either with or without rounded feet for stacking
- Design suitable for use with the Aesculap[®] sterile container system and with single-use wrap

AESCULAP® TRAY WITH FEET

	Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
₅₀	JH112R	243 x 253 x 56 241 x 251 x 42	JH252R	406 x 253 x 56 404 x 251 x 42	JH222R	540 x 253 x 56 538 x 251 x 42
J ₇₀	JH113R	243 x 253 x 76 241 x 251 x 62	JH253R	406 x 253 x 106 404 x 251 x 92	JH223R	540 x 253 x 76 538 x 251 x 62
100	JH114R	243 x 253 x 76 241 x 251 x 62	JH254R	406 x 253 x 106 404 x 251 x 92	JH224R	540 x 253 x 106 538 x 251 x 92

AESCULAP® TRAY WITHOUT FEET

	Standard 1/2	Outside dim. Inside dim.	Standard 3/4	Outside dim. Inside dim.	Standard 1/1 long	Outside dim. Inside dim.
₄₄	JB112R	243 x 253 x 56 241 x 251 x 42	JB252R	406 x 253 x 56 404 x 251 x 42	JB222R	536 x 253 x 44 528 x 245 x 42
₆₄	JB113R	243 x 253 x 76 241 x 251 x 62	JB253R	406 x 253 x 106 404 x 251 x 92	JB223R	540 x 253 x 76 538 x 251 x 62
94	JB114R	243 x 253 x 76 241 x 251 x 62	JB254R	406 x 253 x 106 404 x 251 x 92	JB224R	540 x 253 x 106 538 x 251 x 92

SPECIAL TRAYS

Tray without inserts, with lid handle fitting into dental sterile container JN094



DentalOutside dim.
Inside dim.JF264R273 x 176 x 41
267 x 170 x 34

Tray with lid fitting into dental sterile container JN095



Dental	Outside dim. Inside dim.
JG285R	273 x 176 x 60 267 x 170 x 53

Tray without lid fitting into dental sterile container JN096



Dental	Outside dim. Inside dim.
JF282R	269 x 171 x 93 267 x 169 x 91

Tray, contains three instrument Lid for tray JF282R Tray, contains three instrument racks (JG392), with lid handle, racks (JG391), with lid handle, fitting into dental sterile fitting into dental sterile container JN094 container JN094 Outside dim. Outside dim. Outside dim. Dental Dental Dental Inside dim. Inside dim. JF289R 273 x 176 x 16 JG380R JG381R 273 x 84 x 41 273 x 176 x 30 267 x 170 x 23 267 x 78 x 34

SPECIAL TRAYS

Tray, with perforation for retractor, contains three instrument racks (JG391), with lid handle, fitting into dental sterile container JN094



Tray, contains three instrument
racks (JG393), with lid handle,
fitting into dental sterile
container
JN094



DentalOutside dim.
Inside dim.JG383R273 x 176 x 30
267 x 170 x 23

Dental	Outside dim. Inside dim.
JG384R	273 x 176 x 41 267 x 170 x 34

Tray, without inserts, with lid handle, fitting into dental sterile container JN094



Dental	Outside dim. Inside dim.
JG386R	273 x 176 x 41 267 x 170 x 34

Tray, contains the instrument racks JG400 and JG401 for 6 instruments

Tray, contains the instrument racks JG400 and JG401 for 9 instruments Tray, contains five instrument racks (2 x JG394, 2 x JG400, 1 x JG401), with lid handle, fitting into dental sterile container JN094



Dental	Outside dim. Inside dim.	Dental	Outside dim. Inside dim.
JG387R	188 x 84 x 30 181 x 78 x 23	JG388R	188 x 125 x 30 181 x 119 x 23

Dental	Outside dim. Inside dim.
JG389R	273 x 176 x 30 267 x 170 x 23

SPECIAL TRAYS

Tray with lid



Dental	Outside dim. Inside dim.
JG487R	188 x 84 x 30 181 x 82 x 23

Tray with lid



Dental	Outside dim. Inside dim.
JG488R	188 x 125 x 30 181 x 123 x 23

SCOPE TRAYS

Tray for one sco length up to 34	r one scope of sheath Tray for two scopes of sheath Tray for two scopes of sheath up to 340 mm. Interview additional support.		length up to 340 mm.		340 mm, with
	Outside dim.		Outside dim. Inside dim.		Outside dim. Inside dim.
JF431R	454 x 84 x 41 448 x 78 x 34	JF432R	454 x 104 x 41 448 x 98 x 34	JF433R	454 x 104 x 41 448 x 98 x 34



Tray for mini hysteroscope of < 4 mm diameter

Tray for one arthroscope of 2.7 mm or 4 mm sheath diameter and sheath length 140 – 200 mm $\,$



	Outside dim. Inside dim.		Outside dim. Inside dim.
JF434R	454 x 104 x 41 448 x 98 x 34	JF436R	273 x 84 x 41 267 x 78 x 34

Tray like JF435R prepared for one scope and one light conducting cable (incl. 1x JG367 + 1x JG368) Tray like JF435R prepared for two scopes and one light conducting cable (incl. 2x JG367 + 2x JG368) Tray for up to two laparoscopic scopes and one light conducting cable (scope holders JG367 + JG368 and fixation pins JG300 please order separately)



All dimensions: Length x Width x Height (mm)

ORGANISATION AND PROTECTION OF SURGICAL INSTRUMENTS

Surgical instruments are valuable assets for every hospital, which is why they should be processed as efficiently and gently as possible.

Therefore, protecting the instruments during sterilisation, as well as in transport to sterile supply storage and to the operating room, is of crucial importance.

The Aesculap[®] organisation system for instrument trays facilitates the safe storage especially of delicate instruments and small items.











APPLICATION POSSIBILITIES





$\mathsf{AESCULAP}^{\texttt{B}} \; \mathsf{INOS}^{\texttt{B}} \; \text{-} \; \mathsf{INSTRUMENT} \; \mathbf{O}\mathsf{RGANISATION} \; \mathbf{S}\mathsf{YSTEM}$

Instrument racks* (mounting A)	Interspaces	Outside dim.	Art. no.
	7	120 x 40 mm	JG304
	9	160 x 40 mm	JG305
	15	240 x 40 mm	JG306
	9	120 x 40 mm	JG308
	11	160 x 40 mm	JG309
	17	240 x 40 mm	JG310
	6	120 x 40 mm	JG312
	8	160 x 40 mm	JG313
	12	240 x 40 mm	JG314
	10	120 x 40 mm	JG316
	14	160 x 40 mm	JG317
	20	240 x 40 mm	JG318
	20	120 x 40 mm	JG327

Instrument racks for micro instruments* (Mounting A)	Interspaces	Outside dim.	Art. no.
	7 123 x 18 mm		JG321
	6	123 x 18 mm	JG322
	13	123 x 18 mm	JG323
A CONTRACT OF A	7	123 x 45 mm	JG324

Instrument racks for micro instruments*		Interspaces	Outside dim.	Art. no.
	Positioning rack	19 29	160 x 30 mm 240 x 30 mm	JG325 JG326 (mounting A)
	Support for spring type micro instruments – handle end	4 2	120 x 40 mm 60 x 40 mm	JG328 JG333 (mounting B)
	Support for spring type micro instruments – jaw end	4	120 x 40 mm 60 x 40 mm	JG329 JG334 (mounting B)

Holders with rail* (mounting A)	Diameter	Art. no.
	5 mm	JG340
	7.5 mm	JG341
	8.5 mm	JG342
	10 mm	JG343
	12 mm	JG344

Metal clamp with silicone inlay/rail* (mounting A)	Diameter	Art. no.
	15 - 20 mm	JG352R
	20 - 30 mm	JG353R
	30 - 45 mm	JG354R

Separating racks* (mounting A)	Length	Art. no.
	120 x 40 mm	JG358
a man	160 x 40 mm	JG359
	243 x 40 mm	JG360

* NOTE:

Unless noted otherwise, please order the fixation pins JG300 separately.

$\mathsf{AESCULAP}^{\texttt{B}} \; \mathsf{INOS}^{\texttt{B}} \; \text{-} \; \mathsf{INSTRUMENT} \; \mathbf{O}\mathsf{RGANISATION} \; \mathbf{S}\mathsf{YSTEM}$

Scope holders* (mounting A)		Interspaces	Art. no.
	Eyepiece holder		JG367
	Sleeve holder		JG368
	Support for angled optics		JG369

Holders with fixation clamp (mou	nting A)			
*	Silicone bar with metal base plate and holding pins JG300	160 x 23 mm	14	JG397 (mounting A)
	Silicone bar with metal base plate and holding pins JG300	160 x 34 mm	13	JG398 (mounting A)

HOLDERS WITH FIXATION CLAMP (MOUNTING B)	Diameter	Art. no.	Diameter	Art. no.
	15 mm	JG330	10 mm	JG335
	25 mm	JG331	7.5 mm	JG336
II .	30 mm	JG332	5 mm	JG337

Instrument racks (mounting B)		Outside dim.	Interspaces	Art. no.
	Silicone bar with metal clamp	76 x 33 mm	6	JG396

* NOTE:

Unless noted otherwise, please order the fixation pins JG300 separately.

$\mathsf{AESCULAP}^{\texttt{B}} \; \mathsf{INOS}^{\texttt{B}} \; \text{-} \; \mathsf{INSTRUMENT} \; \mathbf{O}\mathsf{RGANISATION} \; \mathsf{SYSTEM}$

Rack for basket inlays (mounting C)	Outside dim.	Interspaces	Art. no.
	240 x 30 mm		JG370
	234 x 30 mm	10	JG371
	227 x 30 mm	10	JG372

Instrument racks for special trays with 30 mm height (mounting C)	Outside dim.	Interspaces	Art. no.
	159 x 14 mm	13	JG400
	74 x 22 mm	6	JG394
	115 x 22 mm	10	JG395
Manage Cheven	158 x 22 mm	14	JG391

$\mathsf{AESCULAP}^{\texttt{B}} \; \mathsf{INOS}^{\texttt{B}} \; \text{-} \; \mathsf{INSTRUMENT} \; \mathbf{O}\mathsf{RGANISATION} \; \mathbf{S}\mathsf{YSTEM}$

Instrument racks for special trays with 41 mm height (mounting C)	Outside dim.	Interspaces	Art. no.
	76 x 33 mm	6	JG392
NUMBER SERVICE	158 x 33 mm	13	JG393
	158 x 30 mm		JG390

Top holder for special trays		Outside dim.	Art. no.
ए।	Press pad, for suppressing the instrument, to assemble to	150 x 15 mm	JG399 (mounting B)
Construction of the second	instrument, to assemble to the lower side of the lid.	158 x 14 mm	 JG401

Trocar rack (mounting D)	Outside dim.	Interspaces	Art. no.
Storage example: 2 x JG361, 1 x JG309	167 x 53 mm	11	JG361

Fixation elements			Art. no.	
	for mounting A	Fixation pin	JG300	Pack containing 10 pieces/each
	for mounting B	Fixation clamp	JG301R	Pack containing 10 pieces/each
	for mounting A	Screwdriver	JG302	
		Set of screws and self-locking nuts	JG303R	Pack containing 10 pieces/each
		Mounting set Consists of: 1 x wrench 1 x Allen key (for mounting E)	GB459R	

Fixation pins for ring handle instru	uments	Diameter	Art. no.
	Mounting E	25 mm, height 29 mm	JF346
		6 mm, height 47 mm	JF343

Silicone Mats (Mesh)	Discription	Outside dim.	Art No.
	fitting to 1/2 basket	240 x 250 mm	JF938
	fitting to 3/4 basket	402 x 250 mm	JF940
\sim	fitting to 1/1, short basket	480 x 250 mm	JF939
	fitting to 1/1, long basket	536 x 250 mm	JF941

Silicone Mats with perforation (Nubs)	Discription	Outside dim.	Art No.
14 mm	fitting to JF159R	248 x 102 mm	JF944
	fitting to 1/2 basket	248 x 237 mm	JF945
Contraction of the second s	fitting to 3/4 basket	394 x 242 mm	JF947
	fitting to 1/1, short basket	472 x 242 mm	JF948
	fitting to 1/1, long basket	517 x 242 mm	JF949



All dimensions: Length x Width x Height (mm)

MOUNTING A (for instrument racks with fixation pin)



MATERIALS REQUIRED:

- Fixation pins JG300 (to be ordered separately)
- Screwdriver JG302
- Instrument rack such as JG304
- AESCULAP[®] basket (e.g. trays from JC/JB and JF/JG range, but no wire baskets)



Place the instrument rack in the required position on the AESCULAP® basket, making sure the rack's fixation lugs fit onto the basket's latticework correctly.

Insert fixation pin JG300, ensuring that the upper part of the pin is at a 45° angle to the latticework. In this position, use screwdriver JG302 to drive in the pin.



Now, applying pressure, screw the pin into the basket's latticework. Repeat procedure for the second fixation lug if necessary.

MOUNTING B FOR SILICONE HOLDERS WITH FIXATION CLAMPS



MATERIALS REQUIRED:

- Silicone instrument holder, such as JG333
- Fixation clamp JG301R (supplied as standard with the silicone instrument holders)
- AESCULAP[®] basket (e.g. all baskets from the JC/JB and JF/JG range, but no wire baskets)



Press fixation clamp JG301R at the required location into tray from below until it engages.



Repeat procedure for the second clamp. You can then slide in the holder.

MOUNTING C (for silicone racks in basket inserts)



MATERIALS REQUIRED:

- Basket inserts JF110R, JF250R or JF210R
- Instrument rack, such as JG372



Push the fixation lugs through the longitudinal slots in the basket.



To pull the lugs through the slot completely, move left and right while applying tension.

MOUNTING D (for trocar racks)

MATERIALS REQUIRED:

- Trocar rack JG361
- AESCULAP[®] basket (e.g. all trays from JC/JB and JF/JG range, but no wire baskets)



First insert the longer lugs into the basket perforation.



Then lock the hook on the opposite side into the basket perforation. To do this, gently and briefly push the rack forward and down.

MOUNTING E (fixation pin for ring handle instruments)



MATERIALS REQUIRED:

- Fixation pin for ring-handle instruments JF346 (screw, spring washer and nut are supplied as standard)
- Allen head wrench (included in mounting set GB459R)
- AESCULAP[®] basket (e.g. trays from JC/JB and JF/JG range)



Fit the spring washer onto the screw and guide the screw through the basket latticework from below. Fit the black fixation pin onto the screw from above and use the nut to fasten.



Using the Allen head wrench, fix the screw from below while tightening the black fixation pin from above.

FIXATION ELEMENTS FOR WIRE BASKETS



		Outside dim. Effective dim.
Holding clamp	JG694R	24 x 28 x 40 Ø 16-36 mm
-		
		Outside dim. Effective dim.
	JG695R	24 x 28 x 44 Ø 36-46 mm

Holding clamp

All dimensions: Length x Width x Height (mm)

CONTAINER ACCESSORIES

IDENTIFICATION LABELS



Identification labels with lettering one line or two lines (character height 5 mm), up to 13 characters per line. Dimensions: 50 x 18 mm

for mini-, dental-, scope sterile container, disposal container and JK299, JK309, JK339

NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



	Colour
JG645B	Red
JG646B	Blue
JG647B	Green
JG648B	Gold
JG650B	Black
JG652B	Olive-Brown
JG653B	Violet
JG654B	Orange



Identification labels with lettering one line or two lines (character height 5 mm), up to 13 characters per line. Dimensions: 56 x 18 mm

for all Standard sterile containers except JK299, JK309 and JK339

NOTE: Process aluminum identification labels with pH-neutral cleaning agent.



	Colour
JG785B	Red
JG786B	Blue
JG787B	Green
JG788B	Gold
JG790B	Black
JG792B	Olive-Brown
JG793B	Violet
JG794B	Orange



FILTER ACCESSORIES



Universal filter retention plate for reusable filters and paper filters, fitting for all lid and body components of standard sterile containers.



JK100



Universal filter retention plate for reusable and paper filters, fitting for all lid and base components of mini,

dental and scope sterile containers.



	Outside dim.
JK098	245 x 100 x 6

All dimensions: Length x Width x Height (mm)

REUSABLE FILTERS





AESCULAP® reusable filter for mini, dental and scope sterile containers with filter retention plate JK098, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2

AESCULAP® reusable filter for dental sterile containers without filter retention plate JK098, service life 1,000 cleaning and sterilization cycles.

Order unit (PAK): Pack of 2

Aesculap[®] reusable filter, round for use in up to 1,000 cleaning and sterilization cycles. Order unit (PAK): Pack of 10





Standard	Outside dim.
JK090	Ø 190

MARKING PENS

Marking pen for AESCULAP® reusable filters

Order unit (PAK): Pack of 3





PAPER FILTERS









INDICATOR LABELS

STER. DATE STER. DAT.	EN ISO 11140-1 Class 1	BLACK	87
NAME EXP. DATE VERFALL. DAT.	AESCULAP	STEAM	JG6





AESCULAP® paper filter for mini, dental and scope sterile containers with process indicator for steam sterilization*, for use with filter retention plate JK098.

Order unit (PAK): Pack of 100

AESCULAP® paper filter for dental sterile containers with process indicator for steam sterilization*, for use without filter retention plate JK098.

Order unit (PAK): Pack of 100

Aesculap[®] paper filter with process indicator for steam sterilization^{*} Order unit (PAK): Pack of 100

Disposable filter for the hydrogen peroxide sterilisation in Sterrad[®] 100S, Sterrad[®] 200, Sterrad[®] NX, Sterrad[®] 100NX, Steris V-Pro[®] 1 and Steris V-Pro[®] 1 Plus.

Order unit (PAK): Pack of 100

Mini	Outside dim.
JG687	60 x 18

Standard	Article No / Colour	
JG744 white	JG745 red	JG746 blue
JG747 green	JG748 yelllow	

Scope	Outside dim.
JG750	67 x 35
JG751	67 x 35

Mini Dental	Outside dim.
JF166	118 x 235
Dental	Outside dim.
JF066	171 x 232

Standard	Outside dim.
JK090	Ø 190
Scope	Outside dim.
JF167	235 x 118

Indicator label with adhesive back and process indicator for steam sterilization* for mini and dental sterile containers, container bottom JK339. Order unit (PAK): Pack of 100

Indicator lable with adhesive back and process indicator for steam sterilization*; safeguarding the sterile container against unauthorized opening. For standard sterile containers. Lable Outside dim. (80 x 35) Order unit (PAK): Pack of 1,000

Identification label with adhesive back and process indicator for Sterrad^{*} gas plasma sterilisation.

Order unit (PAK): Pack of 100

All dimensions: Length x Width x Height (mm)

SEALS

Mini		Description
Dental	JG738	Seal - safeguarding the sterile container against unauthorized opening.
Standard	JG739	Order unit (PAK): Pack of 100 Order unit (PAK): Pack of 1,000

<			Description
A TRANSPORT	Mini Dental Standard	JG739W	Seal – for AESCULAP® sterile container till year of construction 1987 and AESCULAP® mini and dental sterile containers till year of construction 1999 (locking flap at the container bottom). Order unit (PAK): Pack of 1,000

	Mini		Description
THEPAIR S	Dental Standard	JG740	Repair stamp – for marking instruments for repair or sterile containers holding materials due for repair. Order unit (PAK): Pack of 1,000

 Mini		Description
Dental	JG752	Seal – safeguarding the sterile container against unauthorized opening, with process indicator for steam sterilization*.
Standard	JG753	Order unit (PAK): Pack of 100 Order unit (PAK): Pack of 1,000

MAINTENANCE PRODUCTS



	Description
JG598	STERILIT®
	AESCULAP® instrument oil for lubrication of links, locks, etc. prior to sterilization.
	Contents: 50 ml

	Description
JG 600	STERILIT [®] – including 6 spraying nozzles AESCULAP [®] oil spray for lubrication of links, locks, etc. prior to sterilization. Contents: 300 ml Order unit: Pack of 6

Elozal Reinigo		Description
Elizad Clasin Di regoto p. suri 45 Ett. gento p. supi ità Ett. Jul 27 Eliza (C. 1710/28 ¹⁰ Sono, sang gento p. supi Prime i subagen attage ettati Prime i fallacente supe	JG601	Eloxal cleaner
The second secon		for cleaning and care of sterile container surfaces.
Boarder 4 (Page) Boar		Contents: 300 ml

TROLLEYS

300			Outside dim.	Description
	JF803	1030 x 630 x 1250	Shelf cart, two wheels with immobilizing brake.	
				Admissible total weight: 200 KG, uniformly distributed.
ST ST ST				1 segment for 3 sterile containers up to 280 mm high
U				2 segments for 6 sterile containers up to 165 mm high





	Outside dim.	Descirption
JF901	770 x 690 x 1300	Cupboard cart - with wing doors for protection from dust. Two wheels with immobilization brake.
		Admissible total weight: 200 KG, uniformly distributed.
		1 segment for 3 sterile containers up to 280 mm high
		1 segment for 6 sterile containers up to 165 mm high



	Outside dim.	Description
JF791R	575 x 290 x 16	Slide-in shelf - for storing individually packed sterile accessories and small instrument sets
		Fitting in shelf cart JF803, JF900 and JF901

TROLLEYS



	Outside dim.	Description
JF902	1030 x 600 x 1250	Shelf cart – Two wheels with immobilization brake. Three full-length storage surfaces, not adjustable. Admissible total weight: 200 KG, uniformly distributed.
		For sterile containers up to 280 mm high.



	Outside dim.	Description
JF903	1100 x 680 x 1300	Cupboard cart – with wing doors for protection from dust. Two wheels with immobilization brake. Three full-length storage surfaces, not adjustable. Admissible total weight: 200 KG, uniformly distributed. For sterile containers up to 280 mm high.



	Outside dim.	Description
JF793	600 x 340 x 1180	Shelf cart - Mobile.
		Storage shelves are not adjustable. Admissible total weight: 100 KG, uniformly distributed.
		1 segment for sterile containers up to 280 mm high
		3 segments for sterile containers up to 155 mm high

PREP TABLE



	Outside dim.	Description
JF890R	685 x 685 x 800	Sterile prep table for sterile containers Table top 685 x 685 mm Working height 800 mm Storage rails for lids Impact protection wall deflectors Mobile, 2 wheels with immobilization brake. Admissible total weight: 80 KG, uniformly distributed.



	Outside dim.	Description
JF889R	685 x 425 x 800	Sterile prep table for sterile containers Table top 685 x 425 mm Working height 800 mm Storage rails for lids Impact protection wall deflectors Mobile, 2 wheels with immobilization brake. Admissible total weight: 80 KG, uniformly distributed.

DISPOSAL CART



	Outside dim.	Description
JF820	760 x 397 x 900	Disposal cart for containers 2 storage surfaces Working height 900 mm Mobile, 2 wheels with immobilization brake Admissible total weight: 80 KG, uniformly distributed.