

Aesculap® Dental Sterile Container System



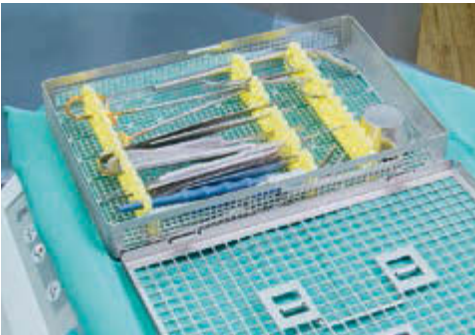
Aesculap Dental

The Sterile Goods Cycle

Systematic Instrument Reprocessing Procedure

The primary intention of hygienic measures in dental practice is to safeguard the health of patients and personnel. To ensure safety it is particularly important to observe the principles of hygiene when cleaning and sterilizing instruments. To maintain a safe, efficient and economical workplace, clear procedures for hygiene must be specified and followed. The Aesculap® Sterile Container System is a proven and excellent aid in the standardized management of instruments throughout the dental practice workflow, from sterile processing through transport, storage and use.

1 | Provision and treatment



2 | Clearing away and disposal

6 | Storage



Four smart reasons to choose the Aesculap® Sterile Container System

■ Prevention of infections

Of patients and staff through preservation of instrument sterility and closed transport of used instruments

■ Economy

Low total cost of ownership due to reusable packaging, minimal processing costs and long service life

■ Comfortable handling

Simple, quick and easy

■ Transparency and reduction of errors

Standardized, effective documentation of your sterile supply workflow



3 | Disinfecting and cleaning

4 | Inspection, care and maintenance and packing



5 | Sterilizing



The Aesculap® Sterile Container System

Economic benefits and a high standard of hygienic control over the entire lifespan of the system

In contrast to single-use packaging, sterile containers are capital assets that offer a long service life. Think of them as an investment in your security, one that pays long-term dividends in terms of your confidence. Here's how the Aesculap® Sterile Container System beats single-use packaging and increases your benefits:

- No recurring acquisition costs for packaging materials
- Reduction/elimination of disposal costs for single-use materials
- Time savings and efficiency gains when loading trays and at the sterilization stage
- Reduction of error and incidence of re-sterilization
- Faster sterile setup
- Easy, secure transport through the sterile supply cycle
- Long service life
- Reduction of waste and environmental pollution caused by disposable packaging

The containers are made from lightweight aluminum alloy, which offers very good drying results and reduces weight. The lids and bases are perforated and the system is suitable for steam sterilization, either by the gravitational method or by the fractionated vacuum method. However, the filter material is not compatible with hot air sterilization.

Aesculap® sterile containers comply with the requirements of DIN EN ISO 11607.



Aesculap sterile filters

- Comply with the requirements of DIN EN ISO 11607
- Are easy to inspect
- Facilitate good drying results

The Aesculap PTFE permanent filter also contributes to efficiency and economy with the following features:

- Durability
- Validated for 1,000 use cycles



The Aesculap® Sterile Container System

Quality and ease of use at a glance

The locks also function as handles for fast, contamination-free lid removal when sterile goods are presented for use.



The lock plates can be fixed at any position and turned through 180° into the lid. Spring-loaded lock plates allow the sterile container remains constantly closed.



The sterile containers can be stacked for economy of space and handling efficiency throughout the sterile processing cycle.

The seal inhibits unintended opening of the container after sterilization.



Closure integrity of the dental sterile containers is caused by the ring-shaped silicon seal around the inside of the lid.

The filter holder also has a durable silicon seal that keeps the filter firmly in place. These features provide for reliable, long-lasting and above all germ-tight barriers.

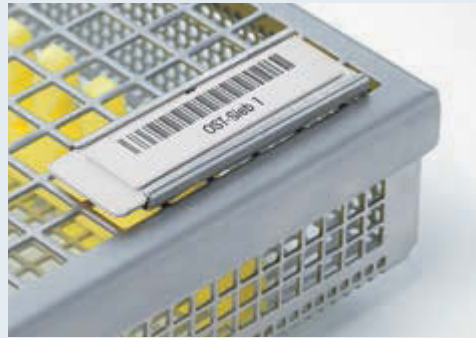
- Reliable
- Long-lasting
- Germ-tight



The Aesculap® Tray System

Good cleaning results

The wide perforation allows constant water jet permeation and avoids rinsing blind spots.



„The microbiological and organic contamination is satisfactorily reduced“

Source: Test report Medical Device Testing, February 2009

This is the result of extensive testing carried out by the **independent laboratory** Medical Device Testing. PAR surgical instrument sets in Aesculap trays contaminated with test germs and organic matter were used for testing. Consequently, the mechanical cleaning and thermal disinfection before sterilization were rated as being adequate in accordance with DIN EN ISO 17664.



Organization

Your valuable instruments are stored efficiently and in a manner that increases economy of space.

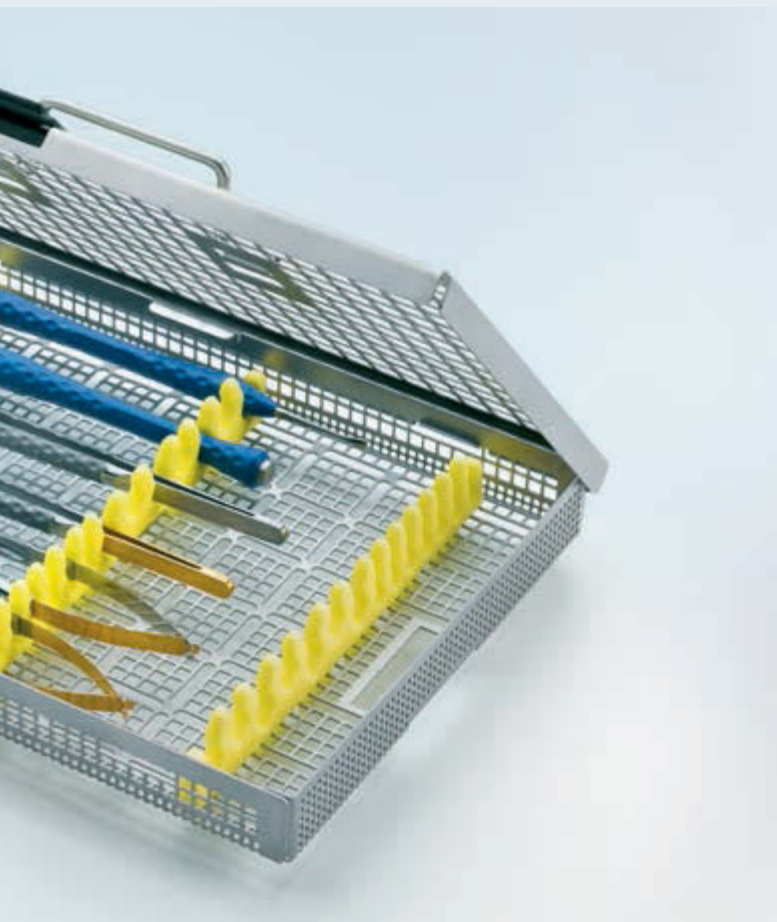
Practical and economical



Mechanical processing with the Aesculap® tray system improves your workflow.

Stainless steel constructions makes Aesculap® trays a robust and reliable asset.

The clever, smooth functioning lock mechanism allows for easy, one-handed operation.



Flexible, fast and adaptable

Position the silicone racks in any configuration that suits your instruments – in just seconds and without additional tools.

The Aesculap® Sterile Container System

Container with lid and base perforation (for Steam sterilization through fractionated vacuum process)



	Outside dimensions
JN292	312 x 190 x 46 mm

To take following trays:
1 x JG381R or 1 x JG383R or 1 x JG389R
JN086 container body and JN091 lid can also be ordered singly
Filter retainer JK098 is included



	Outside dimensions
JN294	312 x 190 x 65 mm

To take following trays:
2 x JG380R or 1 x JG384R or 1 x JG386R
JN088 container body and JN091 lid can also be ordered singly
Filter retainer JK098 is included



	Outside dimensions
JN295	312 x 190 x 92 mm

To take following trays:
2 x JG381R or 1 x JG381R + 1 x JG384R or 1 x JG285R
JN089 container body and JN091 lid can also be ordered singly
Filter retainer JK098 is included



	Outside dimensions
JN296	312 x 190 x 130 mm

To take all trays or:
1 x JF282R basket with lid JF289R
JN090 container body and JN091 lid can also be ordered singly
Filter retainer JK098 is included

Accessories

Filter



	Outside dimensions
JK091	94 x 215 mm

Aesculap reusable filter for dental containers JN092-JN096 with narrow perforation, service life 1,000 cleaning and sterilization cycles.

Suitable for containers on page 10.

Order unit (PAK): Pack of 2



	Outside dimensions
JK092	170 x 231 mm

Aesculap reusable filter for dental containers JN092-JN096 with wide perforation, service life 1,000 cleaning and sterilization cycles.

Suitable for the former generation.

Order unit (PAK): Pack of 2



	Outside dimensions
JF166	118 x 235 mm

Aesculap paper filter with process indicator* for steam sterilization, for dental containers JN092-JN096 with narrow perforation (page 10).

Order unit (PAK): Pack of 100

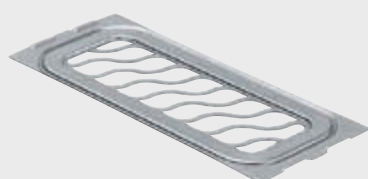


	Outside dimensions
JF066	171 x 232 mm

Aesculap paper filter with process indicator* for steam sterilization, for dental containers JN092-JN096 with wide perforation.

Suitable for the former generation.

Order unit (PAK): Pack of 100



JK098	

Filter retainer for

- Aesculap reusable filter JK091 and
- Aesculap paper filter JF166.

Suitable for lids and bodies of dental containers JN092 - JN096 with narrow perforation (page 10).

* according to EN ISO 11140-1 Class 1

Accessories

Identification labels made of aluminium, 50 x 18 mm



blanc



with inscription up to 13 letters

	red	JG645U	JG645B
	blue	JG646U	JG646B
	green	JG647U	JG647B
	gold	JG648U	JG648B
	black	JG650U	JG650B
	olive	JG652U	JG652B
	purple	JG653U	JG653B
	orange	JG654U	JG654B

Note:
 Process aluminum identification labels with pH-neutral cleaning agents.

Identification label



	Outside dimensions
ICD-002	56 x 18 mm

Plastic identification labels, white, with 10-character barcode for software applications, labelling as specification.

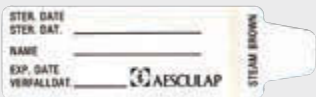
Marking pen



JK086	
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Marking pen for Aesculap reusable filters
Order unit (PAK): Pack of 3

Indicator label



JG687	Outside dimensions 60 x 18 mm
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Indicator label with adhesive back and process indicator for steam sterilization according to EN ISO 11140-1 Class 1
Order unit (PAK): Pack of 100

Seals



JG738	
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Seal - safeguarding the container against unauthorized opening
Order unit (PAK): Pack of 100



JG752	
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Seal - with process indicator for steam sterilization according to EN ISO 11140-1 Class 1
Order unit (PAK): Pack of 100

Maintenance product



JG601	
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Eloxal cleaner for cleaning and care of container surfaces
Contents: 300 ml

The Aesculap® Tray System

Dental Trays



JG387R

Outside dimensions

188 x 84 x 30 mm
(flat)

Tray, contains instrument racks
(JG400 and JG401) for 6 instruments

JG487R

Outside dimensions

188 x 84 x 30 mm
(flat)

Tray (without instrument racks)



JG388R

Outside dimensions

188 x 125 x 30 mm
(flat)

Tray, contains instrument racks
(JG400 and JG401) for 9 instruments

JG488R

Outside dimensions

188 x 125 x 30 mm
(flat)

Tray (without instrument racks)



JG381R

Outside dimensions

273 x 176 x 30 mm
(flat)

Tray, contains three instrument racks
(3 x JG391)

Suitable for dental container JN092



JG383R

Outside dimensions

273 x 176 x 30 mm
(flat)

Tray, with perforation for retractor,
contains three instrument racks (3 x JG391)

Suitable for dental container JN092



Dental Trays



	Outside dimensions
JG389R	273 x 176 x 30 mm (flat)

Tray, contains five instrument racks
(2 x JG394, 2 x JG400, 1 x JG401)
Suitable for dental container JN092



	Outside dimensions
JG380R	273 x 84 x 41 mm (high)

Tray, contains three instrument racks
(3 x JG392)
Suitable for dental container JN094



	Outside dimensions
JG386R	273 x 176 x 41 mm (high)

Tray
Suitable for dental container JN094



	Outside dimensions
JG384R	273 x 176 x 41 mm (high)

Tray, contains three instrument racks
(3 x JG393)
Suitable for dental container JN094



	Outside dimensions
JG285R	273 x 176 x 60 mm (high)

Tray
Suitable for dental container JN095

Further Trays

Dental Trays



	Outside dimensions
JF264R	273 x 176 x 41 mm

Tray with lid handle; no insert, for dental container JN094



	Outside dimensions
JF282R	269 x 171 x 93 mm
JF289R	273 x 176 x 16 mm

Basket without lid, for dental container JN096

Lid for tray JF282R



	Outside dimensions
JF149R	135 x 120 x 47 mm

Mini tray for small objects



JF155R	Outside dimensions
	236 x 72 x 27 mm

Mini tray for small objects
silicone nub mat included



	Outside dimensions
JF145R	85 x 44 x 25 mm (2 mm perforation)
JF146R	85 x 44 x 25 mm (4 mm perforation)
JF148R	144 x 44 x 25 mm (4 mm perforation)

Mini trays for small objects

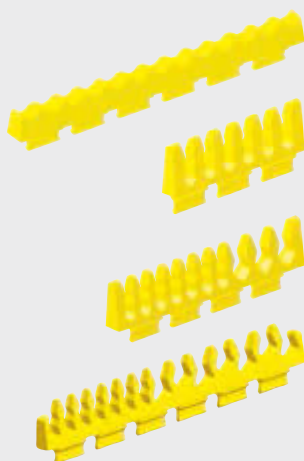


	Outside dimensions
JG725R	57 x 31 x 22 mm

Rack for FG burs,
fixing screws included in delivery

Accessories

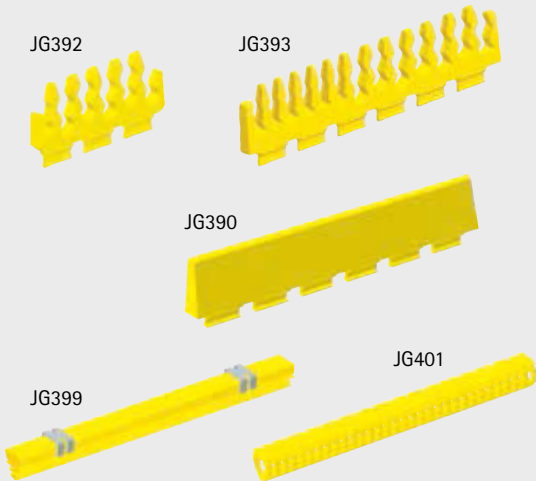
Silicone instrument racks for trays with 30 mm height



	Outside dimensions
JG400	159 x 14 mm
	Outside dimensions
JG394	74 x 22 mm
	Outside dimensions
JG395	115 x 22 mm
	Outside dimensions
JG391	158 x 22 mm



Silicone instrument racks for trays with 41 mm height



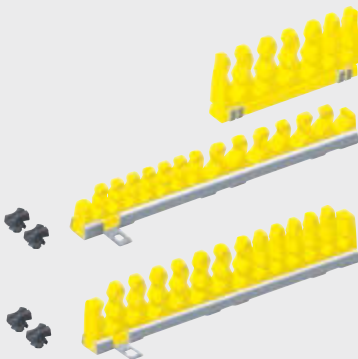
	Outside dimensions
JG392	76 x 33 mm
JG393	158 x 33 mm
	Outside dimensions
JG390	158 x 30 mm
	Outside dimensions
JG399	150 x 15 mm
JG401	158 x 14 mm

for trays JG 381R-JG384R

for tray JG389R

Silicone press pad, for suppressing the instrument, to assemble to the lower side of the lid

Silicone instrument racks



	Outside dimensions
JG396	76 x 33 mm
	Outside dimensions
JG397	160 x 23 mm
	Outside dimensions
JG398	160 x 34 mm

Silicone bar with metal brackets

Silicone bar with metal base plate and holding pins JG300

Silicone bar with metal base plate and holding pins JG300

Accessories



JG300

Holding pin for silicone bars
JG397 – JG398

Order unit (PAK): Pack of 10



JG303R

Screw Set

Order unit (PAK): Pack of 10



GB459R

Mounting set consisting of:

1 x Wrench

1 x Allen key



JG302

Screwdriver for JG300



JG625R

Holding device for identification labels



JG701R

Outside dimensions

55 x 25 x 20 mm

Rack for 8 drills, assembling and
disassembling without tools, fixing
screws included in delivery



DX621R

Outside dimensions

100 x 34 x 19 mm

Rack for 6 drills, assembling and
disassembling without tools, fixing
screws included in delivery

Maintenance of Instruments



Reprocessing of instruments in dental practice, brochure for download from <http://www.a-k-i.org>



STERILIT®	
JG598	

Aesculap instrument oil, for box locks, ratchets etc. prior to sterilization. STERILIT® carries the CE label and fulfils the fundamental requirements in compliance with MDD93/42/EEC. Contents: 50 ml



STERILIT®	
JG600	

Aesculap oil spray, in aerosol can, for maintenance of instruments prior to sterilization. STERILIT® carries the CE label and fulfils the fundamental requirements in compliance with MDD93/42/EEC. Inclusive 2 nozzles. Contents: 300 ml
Order unit: Pack of 6



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