



AESCLAP DENTAL STERILCONTAINER SYSTEM

AESCULAP DENTAL

STERILCONTAINER SYSTEM

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.

STERILE GOODS CYCLE – INSTRUMENT REPROCESSING

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



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ECONOMY AND SAFETY OVER THE ENTIRE SYSTEM LIFESPAN

In contrast to single-use packaging, sterile containers are capital assets offering a long service life. We think that the onetime procurement costs for the sterile containers will be amortized many times over in the course of their long service life, which makes them more economical than single-use packaging, due to the following factors:

- No recurring costs for packaging materials
- Reduction/elimination of disposal costs for single-use materials
- Time savings when loading the trays
- Time savings at the sterilization stage
- Reduced incidence of resterilization necessitated by damaged packaging, thanks to the robust packaging of the sterile materials
- Faster sterile setup
- Easy transport through the sterile supply cycle
- Long service life of sterile containers

Furthermore, waste and environmental pollution caused by disposable packaging is avoided.

The containers are made from light metal (aluminium alloy), which offers the best drying results and reduces their weight. The lid and base of the containers are perforated for steam sterilization using the gravitational method and the fractionated vacuum method (the filter material makes them unsuitable for hot air sterilization). Aesculap sterile containers comply with the requirements of DIN EN ISO 11607.

AESCULAP STERILE FILTERS

- The filter material conforms to the requirements of DIN EN ISO 11607.
- Reliable: easy to check
- Advantageous: they facilitate good drying results within the container

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

- Extremely resistant and durable
- Validated for 1,000 use cycles





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QUALITY AT A GLANCE

The tension locks are also designed 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. Springs integrated into the lock plates guarantee that the sterile container always remains consistently closed.



The containers can be stacked, reducing the amount of space required in the sterile goods cycle.

The seal prevents accidental opening of the container after sterilization.





Closure of the dental containers is ensured by the ring-shaped silicon seals around the inside of the lid. The filter holder has an extremely durable silicon seal which keeps the filter firmly in place:

- Reliable
- Safe
- Germ-tight



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SAFE AND EFFECTIVE

The wide perforation ensures optimal water jet permeation and avoids rinsing blind spots.



PERFECT ORGANIZATION

Your instruments are stored in the smallest possible space, safely fixed in their positions.



„The microbiological and organic contamination is satisfactorily reduced“

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.

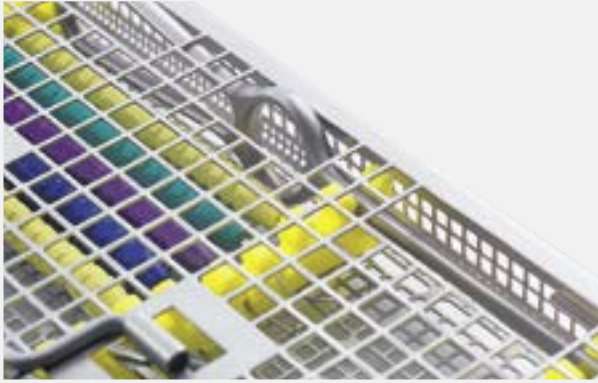
FLEXIBLE AND ADAPTABLE

Position the silicone racks in the optimal arrangement for your instruments – in seconds, without any additional tools.



PRACTICAL AND ECONOMICAL

Mechanical processing with the Aesculap tray system optimizes your workflow. The stainless steel material makes Aesculap trays a robust and durable asset.



The simple and robust locking system can be easily opened and closed with one hand.



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STERILCONTAINER SYSTEM



JN292

To take following trays:

1 x JG381R or 1 x JG383R or 1 x JG389R

JK286 container body and JN091 lid can also be ordered singly

312 x 190 x 46 mm



JN294

To take following trays:

2 x JG380R or 1 x JG384R or 1 x JG386R

JK288 container body and JN091 lid can also be ordered singly

312 x 190 x 65 mm



JN295

To take following trays:

2 x JG381R or 1 x JG381R + 1 x JG384R or 1 x JG285R

JK289 container body and JN091 lid can also be ordered singly

312 x 190 x 92 mm



JN296

To take all trays or 1 x JF282R basket with lid JF289R

JK290 container body and JN091 lid can also be ordered singly

312 x 190 x 130 mm

Please order accessories separately.

CONTAINERS WITH BASE PERFORATION AND ACCESSORIES



JK091

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

Order unit (PAK): Pack of 2

94 x 215 mm



JK092

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

170 x 231 mm



JF166

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

Order unit (PAK): Pack of 100

118 x 235 mm



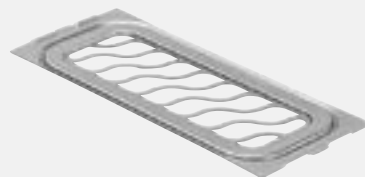
JF066

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

171 x 232 mm



JK098

Filter retainer universal for Aesculap reusable filter JK091 and Aesculap paper filter JF166.

Suitable for lids and bodies of dental containers

JN092-JN096 with narrow perforation.

* Acc. to EN ISO 11140-1 Class. 1.

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STERILCONTAINER SYSTEM



without lettering



with lettering one line
up to 13 characters

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

Note: Process aluminium identification labels with pH-neutral cleaning agent.



ICD-002

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

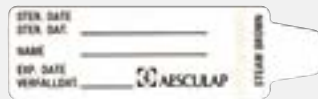
56 x 18 mm

IDENTIFICATION LABELS MADE OF ALUMINIUM, 50 X 18 MM AND ACCESSORIES



JK086

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



JG687

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
60 x 18 mm



JG738

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



JG752

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



JG601

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

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STERILCONTAINER SYSTEM



JG387R

Tray, contains two instrument racks
(2 x JG394) for 6 instruments
188 x 84 x 30 mm (flat)



JG487R

Tray with lid
188 x 84 x 30 mm (flat)



JG388R

Tray, contains two instrument racks
(JG400 + JG401) for 9 instruments
188 x 125 x 30 mm (flat)



JG488R

Tray with lid
188 x 125 x 30 mm (flat)



JG381R

Tray, contains three instrument racks
(3x JG391), with lid handle, fitting into
Dental Container JN092
273 x 176 x 30 mm (flat)



JG383R

Tray, with perforation for retractor, contains
three instrument racks (3x JG391), with lid
handle, fitting into Dental Container JN092
273 x 176 x 30 mm (flat)





JG389R

Tray, contains five instrument racks (2x JG394, 2x JG400, 1x JG401), with lid handle, fitting into Dental Container JN092
273 x 176 x 30 mm (flat)



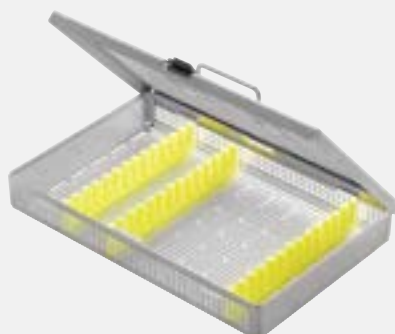
JG380R

Tray, contains three instrument racks (3x JG392), with lid handle, fitting into Dental Container JN094
273 x 84 x 41 mm (high)



JG386R

Tray, without inserts, with lid handle, fitting into Dental Container JN094
273 x 176 x 41 mm (high)



JG384R

Tray, contains three instrument racks (JG393), with lid handle, fitting into Dental Container JN094
273 x 176 x 41 mm (high)



JG285R

Tray with lid fitting into Dental Container JN095
273 x 176 x 60 mm (high)

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STERILCONTAINER SYSTEM



JF264R

Tray without inserts, with lid handle fitting into Dental Container JN094

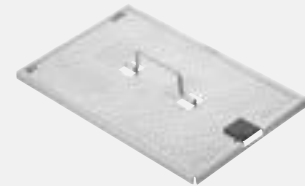
273 x 176 x 41 mm



JF282R

Tray without lid fitting into Dental Container JN096

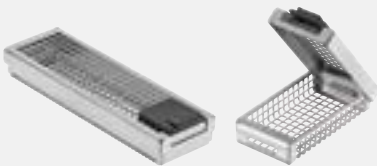
269 x 171 x 93 mm



JF289R

Lid for tray JF282R

273 x 176 x 16 mm



JF145R 85 x 44 x 25 mm
(2 mm Perforation)

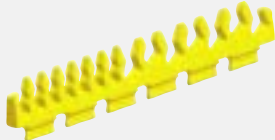
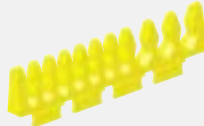
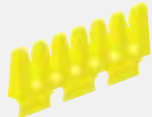
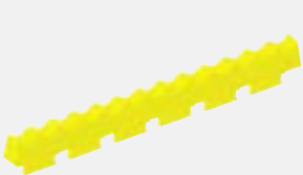
JF146R 85 x 44 x 25 mm
(4 mm Perforation)

JF148R 144 x 44 x 25 mm
(4 mm Perforation)

Mini trays for small objects

DENTAL TRAYS, ACCESSORIES

Instrument racks for special trays with 30 mm height



JG400

159 x 14 mm

JG394

74 x 22 mm

JG395

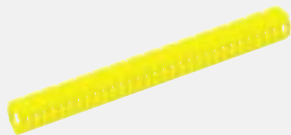
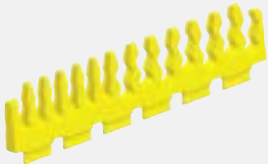
115 x 22 mm

JG391

158 x 22 mm



Instrument racks for special trays with 41 mm height



JG392

76 x 33 mm

JG393

158 x 33 mm

JG390

158 x 30 mm

JG399

150 x 15 mm

Press pad, for suppressing the instrument, to assemble to the lower side of the lid.

JG401

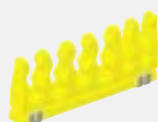
158 x 14 mm

Press pad, for suppressing the instrument, to assemble to the lower side of the lid.

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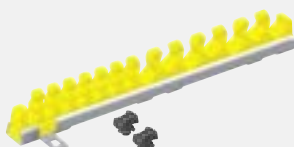
Instrument racks



JG396

Silicone bar with metal brackets

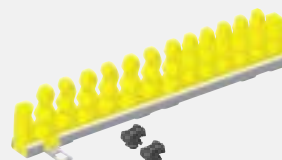
76 x 33 mm



JG397

Silicone bar with metal base plate
and holding pins JG300

160 x 23 mm



JG398

Silicone bar with metal base plate
and holding pins JG300

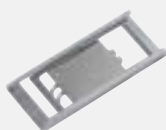
160 x 34 mm



JG300

Fixation pin for silicone bars
JG397-JG398

Order unit (PAK): Pack of 10



JG625R

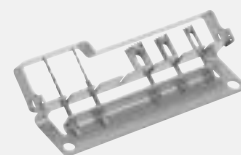
Holding device for
identification labels



JG701R

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

55 x 25 x 20 mm



DX621R

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

100 x 34 x 19 mm

ACCESSORIES, MAINTENANCE OF INSTRUMENTS



STERILIT®

JG600 - inclusive 2 nozzles

Aesculap oil spray, in aerosol can (ozone-friendly), for maintenance of instruments prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia)



STERILIT®

JG598

Aesculap instrument oil, for box locks, ratchets etc. prior to sterilization. Physiologically inert acc. to DAB and § 31 LMBG (German Pharmacopoeia)



Aesculap Sterile Container Catalogue

For further details see brochure No. C40402.



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

AESCULAP® – a B. Braun brand

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany
Phone +49 7461 95-0 | Fax +49 7461 95-2600 | www.aesculap.com

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