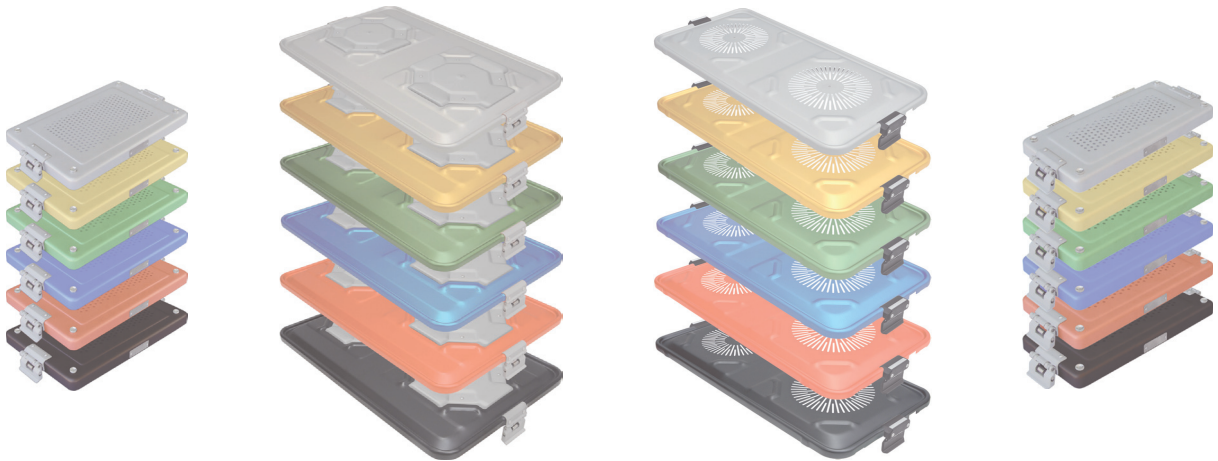


STERILISING CONTAINER SYSTEM



ELCON 560E

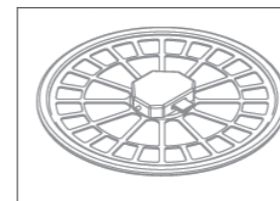
ELCON Medical Instruments GmbH is certified according to **EN ISO 13485**.
CE marking in accordance with EU directive **93/42 EEC**

Containers / Filters are manufactured and tested according the regulations
EN 868-8 ■ DIN 58953-9 ■ EN ISO 11607-1

Downloads under: www.elcon-medical.com

ELCON 560E

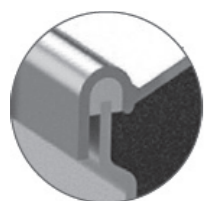
HARD-ANODIZED COATING
to prevent scratches
Anodizing temperature at -5°C to +5°C
according to US standards
validated by a German company.



COMPATIBLE FILTER SYSTEM
which fits to the most common
filter containers in the market
Sealed filter retainers having 2
springs inside and pre-tensioning
feature enable fast, easy and
secure change of the filters by
seating solidly on the surface.

SPECIAL LID DESIGN FOR STACKABILITY

CORROSION RESISTANT
Lid and bottom made of 2 mm high
quality special alloy aluminium.



FLAT SILICONE GASKET
Internal gasket of the lid assures
safe seal of the container.
The flat surface makes the sealing tighter
The Silicone used is from Germany.



**ALUMINUM CONTAINER
LIDS WITH COLOUR
ANODIZING**
are supplied, by choice, in
the described colours.

FACE PLATE
on both sides of the contain-
er are made of one single
piece.

LOCKING MECHANISM PPSU
ensures better grip with its flexible
design structure including 2 springs
inside -performing "single-step"
movement.

IDENTIFICATION LABELS
can be marked with up to 18 - 24 letters.

THERMO LOCK SYSTEM
Heat sensitive modular auto lock
mechanism offers safer result for
sterilization process (optional).

**STAINLESS STEEL HANDLE
WITH SILICONE COATING**
Silicone coated handles for easy and
safe handling of the container.

STERILE CONTAINER SYSTEMS STANDARD MODEL



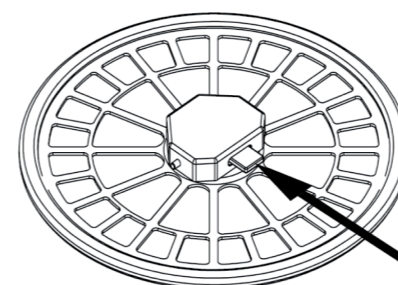
ELCON standard model container systems are designed for perfect steam flow and penetration for loads suitable to the standards and can be used with single use paper filter or reusable PTFE Teflon filters. The standard model sterilization containers are equipped with silicone coated carrying handles which have 90° mobility and its ergonomic design provides easy and secure carrying facilities.

The gaskets inside the lid and filter retainer ensure perfect tightness while locking mechanism of this system provides excellent grip with its flexible structure.

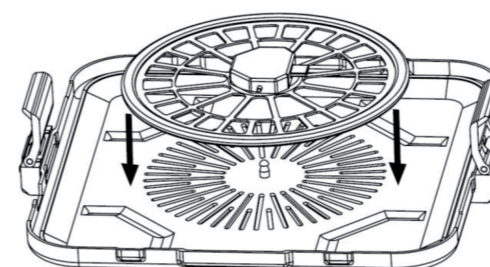
ELCON standard model sterilization container systems are manufactured as five different length, width and height and can be supplied with perforated or non-perforated boxes, perforated lids and safety lids for effective external protection. These safety lids do not interfere with sterilization and they provide protection to the perforated lid and the filter system against hard objects, liquids and dust as a second lid.

CONTAINER TYP

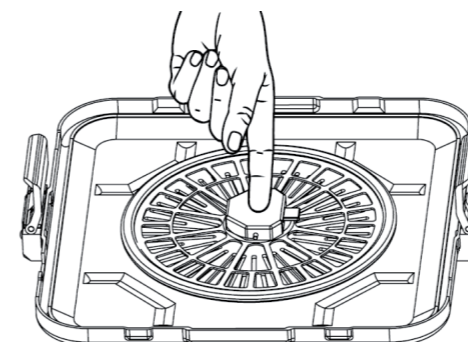
“ FILTER “



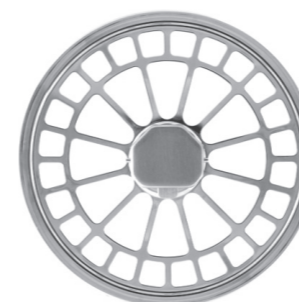
1. The filter holder is separated from the cover by pressing the mandrel on it. Check the gaskets on the inside edges of the filter retainer.



2. The filter retainer lid is placed in the direction of the arrow to seat on the pin

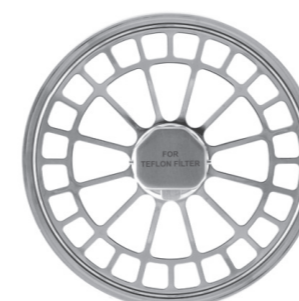


3, Press your finger on the button until you hear the „click“ sound. If sound comes out then the mechanism is working



Filter retainer
for single use
paper Filter

Standard delivery with filter retainer for
single use filter.



Filter retainer PTFE
for multiple use
PTFE Filter

To be ordered separately with each container in
case PTFE filter system is required !!!!



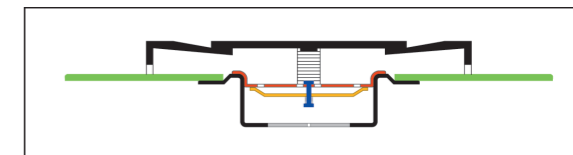
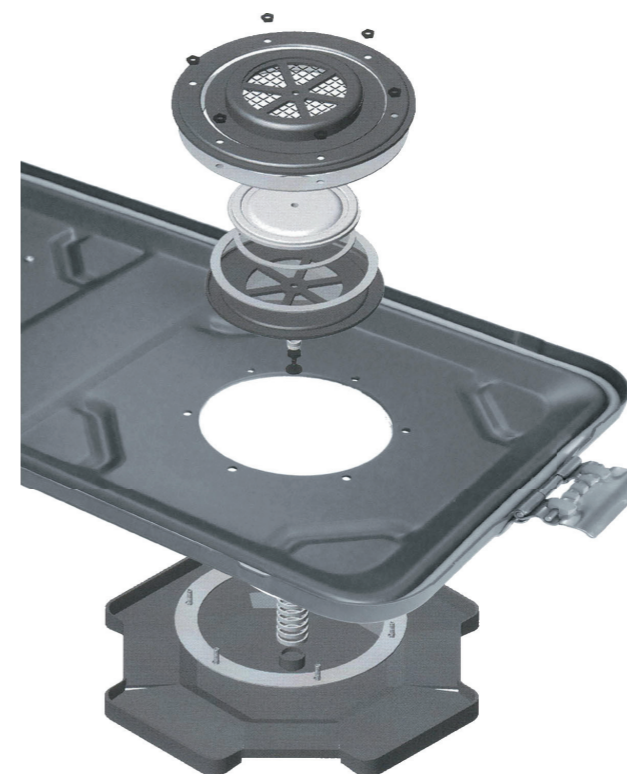
STERILE CONTAINER SYSTEMS BIO-BARRIER MODEL



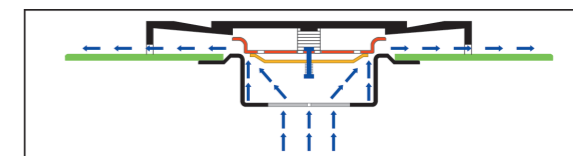
1/1 FULL SIZE 3/4 QUARTER SIZE 1/2 HALF SIZE EXTRA LARGE SIZE EXTRA LONG SIZE

ELCON Bio-Barrier model sterilization container systems are designed with mechanical valves both in bottom and lid which run in a way that they do not need any disposable filter use and can be used minimum 5000 cycles. The mechanical valve systems set on the lid or box run with atmospheric pressure occurring in the autoclave during sterilization. When the sterilization process starts, because of the occurring (plus) pressure, the valves open and let the steam penetration into the sterilization container. When the vacuum process starts at the end of the sterilization, because of the occurring (minus) pressure, the steam outlet valve opens and the steam exhausts from the box. When the sterilization process is completed, as there is no pressure (plus or minus) in autoclave, both valves are in closed position. By this way, it gains qualification to keep the products in it as sterilized. The valves are ensured to be closed %100 due to the special silicone gaskets on mechanical valve systems. Moreover, the mechanical valve system these sterilization containers is demountable by the user in order to control it when desired.

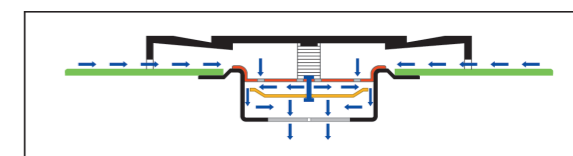
ELCON Bio-Barrier model sterilization container systems are manufactured as five different length, width and height and can be supplied with safety lids for effective external protection. These safety lids do not interfere with sterilization and they provide protection to the valve mechanism against liquids and dust as a second lid.



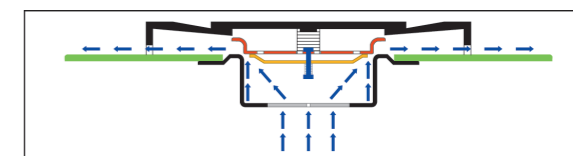
1. Before sterilization the valves are in resting position.



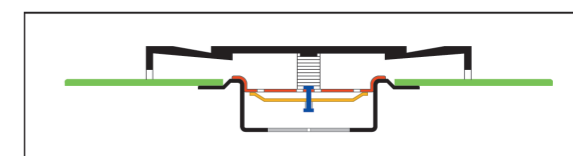
2. Due to the vacuum applied during sterilization, the valves open completely and the dry air escapes.



3. When the dry air has escaped completely, the counter-valve opens, lets in the steam and the sterilizing cycle can start.



4. When the sterilization cycle is over, the pressure is levelled and the valves of the barrier model container will close.



5. Now the valves are in resting position again.

ELCON

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