a new line of steam sterilizers
easy to use and high consumption savings

multifunction display
controlled by micro-processor

double and patented
motor-operated closure

stainless steel chamber
without any welding

aluminum trays

2 vacuum pumps

built-in printer and
usb connection

inner heater

16A schuko 230
VAC single phase plug

osmosis system

complete cabinet

upper sterilization cabinet

Newmed
tiche sterilization cycles

134°C class B

121°C class B

134°C prion

134°C class S

an extra-dry system can be activated for each sterilization cycle

(ref. UNI EN 13060)

**features**

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 5'
- drying time: 15'
- cycle time*: 1h 15'

- sterilization temperature: 121°C
- sterilization pressure: 1.1 bar
- sterilization time: 18'
- drying time: 15'
- cycle time*: 1h 25'

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 20'
- drying time: 15'
- cycle time*: 1h 35'

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 5'
- drying time: 15'
- cycle time*: 1h

**helix/b&d test**

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 3’30”
- cycle time*: 50’

**vacuum test**

- cycle time: 17’

* Approx. cycle length calculated with warm chamber at full load
A new line of steam sterilizers

EOS

Great versatility and high performance

- Stainless steel external cover
- Multifunction display controlled by micro-processor
- Double and patented motor-operated closure
- Stainless steel chamber
- Aluminum trays
- Water-ring vacuum pump
- Built-in printer and USB connection
- Patented built-in steam generator
- 3N AC 400V 50 Hz industrial plug
- Osmosis system

Complete cabinet

Upper sterilization cabinet
**eos sterilization cycles**

### 134°C class B

- Sterilization temperature: 134°C
- Sterilization pressure: 2.1 bar
- Sterilization time: 5’
- Drying time: 15’
- Cycle time*: 50’

### 121°C class B

- Sterilization temperature: 121°C
- Sterilization pressure: 1.1 bar
- Sterilization time: 18’
- Drying time: 15’
- Cycle time*: 1h

### 134°C prion

- Sterilization temperature: 134°C
- Sterilization pressure: 2.1 bar
- Sterilization time: 20’
- Drying time: 15’
- Cycle time*: 1h 15’

### 134°C class S

- Sterilization temperature: 134°C
- Sterilization pressure: 2.1 bar
- Sterilization time: 5’
- Drying time: 15’
- Cycle time*: 43’

**Helix/B&d test**

- Sterilization temperature: 134°C
- Sterilization pressure: 2.1 bar
- Sterilization time: 3’30”
- Cycle time*: 40’

**Vacuum test**

- Cycle time: 17’

An extra-dry system can be activated for each sterilization cycle.

* Approx. cycle length

(ref. UNI EN 13060)
A new line of steam sterilizers

- Stainless steel external cover
- Multifunction display controlled by micro-processor
- Aluminium tray or sterilization unit 30x30x60 cm
- Double and patented motor-operated closure
- Square stainless steel chamber
- Built-in printer and USB connection
- Patented built-in steam generator
- Water-ring vacuum pump
- 3N AC 400v 50 Hz industrial plug
- Osmosis system
- Complete cabinet
- Upper sterilization cabinet
olympia sterilization cycles (ref. UNI EN 13060/285)

134°C class B

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 5’
- drying time: 15’
- cycle time*: 50’

121°C class B

- sterilization temperature: 121°C
- sterilization pressure: 11 bar
- sterilization time: 18’
- drying time: 15’
- cycle time*: 1h

134°C prion

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 20’
- drying time: 15’
- cycle time*: 1h 5’

134°C class S

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 5’
- drying time: 15’
- cycle time*: 43’

helix/b&d test

- sterilization temperature: 134°C
- sterilization pressure: 2.1 bar
- sterilization time: 3’30”
- cycle time*: 40’

vacuum test

- cycle time: 17”

an extra-dry system can be activated for each sterilization cycle

*Approx. cycle length
### CLASS B ref. UNI EN 13060
- **Inner heater**

<table>
<thead>
<tr>
<th>Overall Dimensions/Weight (Complete Cabinet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 820 mm (1600mm)</td>
</tr>
<tr>
<td>Width: 646 mm (680mm)</td>
</tr>
<tr>
<td>Depth: 783 mm (783mm)</td>
</tr>
<tr>
<td>Weight: 160kg (205kg)*</td>
</tr>
</tbody>
</table>

- **Chamber Capacity**
  - Volume: 59.9L
  - Diameter/Depth: 355 mm/605 mm
  - Unwrapped Material: 15 kg
  - Wrapped Material: 7 kg

- **Average Water Consumption**: 3.5L per cycle **

- **Power Connection**: 16A 230VAC 50Hz Single Phase Schuko Plug

* Approx. Value
** Average consumption depending on load and cycle types

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### CLASS B ref. UNI EN 13060 (Patented Built-in Steam Generator)
- Overall Dimensions/Weight: (Complete Cabinet)
  - Height: 820 mm (1600mm)
  - Width: 646 mm (680mm)
  - Depth: 783 mm (783mm)
  - Weight: 170kg (215kg)*

- Chamber Capacity:
  - Volume: 59.9L
  - Diameter/Depth: 355 mm/605 mm
  - Unwrapped Material: 15 kg
  - Wrapped Material: 7 kg

- Average Water Consumption: 2.5L per cycle **
  (for water-ring pump use) 20 – 40L **

- Power Connection: 3 N AC 400V 50Hz Industrial Plug

* Approx. Value
** Average consumption depending on load and cycle types

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### CLASS B ref. UNI EN 285
- **Patented Built-in Steam Generator**

<table>
<thead>
<tr>
<th>Overall Dimensions/Weight (Complete Cabinet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 1000 mm (1600mm)</td>
</tr>
<tr>
<td>Width: 680 mm (680mm)</td>
</tr>
<tr>
<td>Depth: 780 mm (780mm)</td>
</tr>
<tr>
<td>Weight: 180 kg (225kg)*</td>
</tr>
</tbody>
</table>

- Chamber Capacity:
  - Volume: 60L
  - Unwrapped Material: 17 kg
  - Wrapped Material: 9 kg

- Average Water Consumption: 2.6L per cycle **
  (for water-ring pump use) 21 – 41L **

- Power Connection: 3 N AC 400V 50Hz Industrial Plug

* Approx. Value
** Average consumption depending on load and cycle types
standard accessories /options

- available for: tiche & eos
- available for: olympia
- external labeller
- different size of sterilization containers:
  - 30x30x60 *
  - 30x30x30*
  - 28.5x46.5x105**
  - 28.5x46.5x135**
  - 28.5x46.5x150**

- aluminium trays
- reverse osmosis

* Only for Olympia (ref. UNI EN 285)
** Indicative size. For more information please contact Newmed Sales Office
**Professional Sterilization Systems**

**Newmed** was created to satisfy the needs of customers who demand safety, reliability and simplicity all in one sterilization equipment. And thanks to experience, technology and research, **Newmed** has been able to achieve this goal.

Newmed is ISO 9001 and UNI EN ISO 13485 certified
Due to a continuous process of development, Newmed reserves the right to amend the specification of products and services without notice.