

Tabletop Line

Automatic and Manual Autoclave Series

Tuttnauer

Your Sterilization & Infection Control Partner

Company Profile

For over 95 years, Tuttnauer's sterilization and infection control products have been trusted by hospitals, universities, research institutes, clinics and laboratories throughout the world. Supplying a range of top-quality products to over 100 countries, Tuttnauer has earned global recognition as a leader in sterilization and infection control.

Tuttnauer invests its full energies and resources in one area of expertise – sterilization and infection control. From our start, in 1925, we have worked on large-scale joint projects with leading research institutes and universities. This cooperation allows us to remain at the forefront of our field, developing and integrating the most advanced methods and technologies.



One Area of Expertise, Many Areas of Application

We have consistently provided solutions to various markets and offer a wide range of innovative cleaning, disinfection and sterilization products, varying in size and application including:

- An extensive variety of tabletop autoclaves for dental clinics and small to medium clinics, or as a second unit in medical centers and hospitals
- Cleaning, disinfection and sterilization products for CSSD use
- Industrial size sterilizers for hospitals and research institutes
- Laboratory autoclaves ranging in size and application
- Washers and disinfectors for dental clinics, hospitals and laboratories

Our autoclaves incorporate proven design and engineering features, resulting in a durable, warranted solution that meets international standards including FDA, ASME, ISO and CE Medical Devices.

Global Partnerships

At Tuttnauer we feel that business means people dealing with people. We pride ourselves on our reputation for having long-lasting relationships with our customers, spanning over decades and distances and for building solid, long-term relationships based on commitment and trust.

Our Flexibility is Your Advantage

Beyond our unmatched range of products, we also manage complete turnkey solutions, including planning, design and installation of equipment, as well as consultation and feasibility studies, for projects of all sizes.

Backed by deep industry experience and a track record of success, Tuttnauer continues to help medical and research institutes all over the world to plan and execute their sterilization and infection control policies.

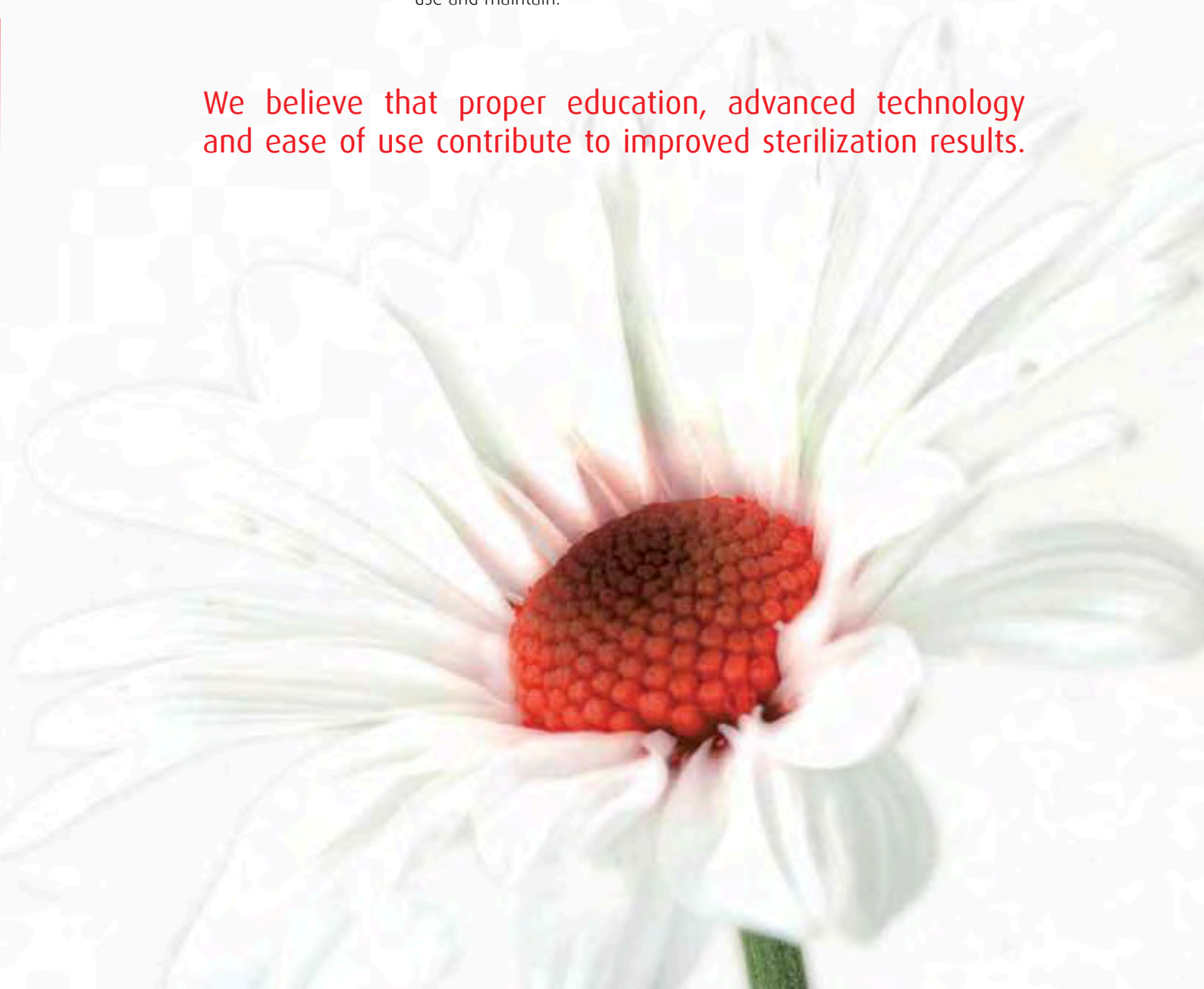
We share your commitment to help protect your staff and patients against the spread of infectious diseases and to maintain a risk-free environment. The demand for stricter sterilization guidelines is on the rise, especially since the advent of AIDS and the development of virus mutations, which makes the battle for a cleaner and safer environment ever more challenging.

What is Sterilization?

Sterilization is a vital component of Infection Control procedures, the term used to describe the entire range of activities intended to achieve a clean, disease-free environment. Sterilization is defined as the destruction of all transmissible agents, bacteria and viruses from surfaces, medical instruments, food or any product that needs to be safely used without endangering the user.

Increased regulations and the requirement for proper sterilization in private clinics, tattoo parlors and beauty salons have given rise to the demand for sterilizers that are easy to use and maintain.

We believe that proper education, advanced technology and ease of use contribute to improved sterilization results.



Tuttnauer Automatic Autoclave Series

Providing a safe environment is our priority

Today, dental and medical clinics are voicing the demand for better sterilization. Tuttnauer is your partner in protecting your patients and gaining their trust. Our state of the art sterilization technologies are designed to deliver quality without compromise.

Tuttnauer Automatic Autoclaves produce the highest return on your investment by offering:

- **Rapid cycles**
- **Low Maintenance**
- **Durability**
- **Safety**

Benefits:

- Rapid cycles optimize the availability of ready-to-use sterile instruments
- Easy-to-use, single touch control system increases productivity
- Enhanced monitoring for consistent documentation of sterilization results
- Long lasting, easy to maintain autoclaves

Automatic Series Features:

- 4 pre-set sterilization programs
- Program and customize cycle parameters to meet your needs
- High precision control system for accurate sterilization results
- Integrated printer for cycle documentation (optional)
- PC Communication port enables storage of sterilization results
- Temperature and pressure monitoring
- User friendly, intuitive display
- Cycle information recovery in the case of power failure or cycle interruption
- Insufficient water detector with automatic shutoff
- Consistent monitoring of temperature and pressure for real-time accurate results
- Water-level sensors prevent cycle activation when insufficient water is detected in the chamber or reservoir

Capacity:

Our high-capacity models are available in 65 and 85 Liter chamber sizes. These models are designed for clinics that have a high volume of instrument turnaround, therefore decreasing the clinic's operational costs.

| | | |
|---|---|--|
| E - Automatic Micro-Processor Control System | K - Quick Cycle - The quick cycle models significantly decrease sterilization cycle time, saving you time and optimizing results | A - Air Pump for closed door drying |
|---|---|--|

Unwrapped instruments. Cycle times include heat up, sterilization exposure and exhaust. All cycle times may vary with instrument load and voltage.



Safety and Convenience Features:

- Seamlessly integrated into your work environment with compact design and heat insulation
- Durable 316L type stainless steel chamber and door with electro-polish finish
- Double locking safety device prevents door from opening while chamber is pressurized
- Control lock-out switch prevents starting a cycle if door is not properly locked
- Door failure protection prevents door from opening at high pressure
- Automatic safety shutoff prevents overheating

316L type stainless steel with electro-polish finish



Double locking safety device

Complies with strict international directives and standards:

PED 2014/68/EU • 93/42/EEC • ASME • UL/EN 61010-1 • FDA • ISO 13485:2016 • ISO 9001:2015



Control Panel

Interactive Control System: Monitoring is essential for correct infection control in your private practice.

Tuttnauer Automatic Autoclaves feature a user friendly, micro-processor control system which offers enhanced monitoring, providing the control and flexibility you need. In addition password protection provides for secure access. The LCD display is easy to read with sharper and brighter indicator lights



Program Selector

Detailed Digital Display

Programmable Keys

Cycle Status Indicators

Sterilization Programs:

The autoclave offers 3 preset sterilization programs, at temperatures of up to 134°C (273°F) and 1 dry only program. Cycle parameters can be customized to suit your needs.

| Program | Instruments & Materials |
|---------|--|
| | Unwrapped Instruments and materials |
| | Wrapped Instruments and Porous Loads |
| | Glasswares For non medicinal liquids in open bottles and glassware |
| | Drying Select the accessory drying program to continue the heat assisted drying process |

EA / EKA - Fully Automatic Autoclaves

Closed Door Active Drying Air Pump:

With extra fast and efficient drying cycles, the EKA and EA autoclaves significantly increase your productivity. These two models have the added benefit of a high efficiency air pump which allows closed door active drying. The EKA and EA are built for improved sterilization with the ability to dry packs and pouches.

Benefits:

- More thorough drying and sterilization
- Faster drying for a shorter overall cycle
- 0.2 µm HEPA air filter provides sterile, bacteria-free air for drying

65/85 Liter Chamber Models



23 Liter Chamber Models

| Model | Chamber Volume | Cold Cycle Time | Hot Cycle Time |
|-------------------|----------------|-----------------|----------------|
| EA Series | | | |
| 3850EA | 65 Liter | 31 min. | 20 min. |
| 3870EA | 85 Liter | 31 min. | 20 min. |
| EKA Series | | | |
| 2540EKA | 23 Liter | 30 min. | 18 min. |

Tested for unwrapped instruments. Cycle times include heatup, sterilization exposure and exhaust. All cycle times may vary with instrument load and voltage.

Tuttnauer Manual Autoclave Series

Simplicity at Work

M/MK

The Manual Autoclave is an affordable sterilizer for private clinics that do not want to compromise on quality, safety and reliability.

Tuttnauer manual autoclaves are an effortless Plug n' Play solution. After installation, the sterilizer is virtually maintenance free with reduced running costs.

Benefits:

- Tuttnauer Manual Autoclaves last longer
- Durable components significantly reduce maintenance expenses
- Ease of use eliminates the need for specialized staff to operate sterilizer

Safety and Convenience Features:

- Heat insulation and quiet operation for pleasant office environment
- Durable 316L type stainless steel chamber and door with electro-polish finish
- Double locking safety device prevents door from opening while chamber is pressurized
- Pressure activated lock prevents door from opening if chamber is pressurized
- Door failure protection prevents door from opening at high pressure
- Automatic safety shutoff prevents overheating



- 1 Pressure Gauge
- 2 Timer
- 3 Thermostat
- 4 Function Selector



65/85 Liter Chamber Models



19/23 Liter Chamber Models



7.5 Liter Chamber

Complies with strict international directives and standards:

PED 2014/68/EU • MDD 93/42/EEC • ASME • UL/EN 61010-1 • FDA • ISO 13485:2016 • ISO 9001:2015



ASME



| Model | Chamber Volume | Cold Cycle Time | Hot Cycle Time |
|--------------------------------|----------------|-----------------|----------------|
| M Series | | | |
| 2340M | 19 Liter | 20 min. | 12 min. |
| 2540M | 23 Liter | 22 min. | 14 min. |
| 3850M | 65 Liter | 29 min. | 17 min. |
| 3870M | 85 Liter | 31 min. | 20 min. |
| MK Series | | | |
| 1730MK (Valueklave) | 7.5 Liter | 12 min. | 9 min. |
| 2340MK | 19 Liter | 12 min. | 9 min. |
| 2540MK | 23 Liter | 12 min. | 9 min. |

Tested for unwrapped instruments. Cycle times include heatup, sterilization exposure and exhaust . All cycle times may vary with instrument load and voltage.

| Model | Chamber Volume | Standard Cassettes Capacity | No. of Trays | Tray Dimensions WxHxD (mm) | Voltage(V) Frequency (Hz) | Current(A) Power(W) | Overall Dimensions WxHxD (mm) | Autoclave Weight (kg) |
|-------|----------------|-----------------------------|--------------|----------------------------|---------------------------|---------------------|-------------------------------|-----------------------|
|-------|----------------|-----------------------------|--------------|----------------------------|---------------------------|---------------------|-------------------------------|-----------------------|

EA Series

| | | | | | | | | |
|---------------|----------|---------|---|--------------------------|--------------------|-------------|-------------|----|
| 3850EA | 65 Liter | 10 full | 2 | 495x25x286 495x25x350 | 230V (50/60 Hz) | 10.4A 2400W | 660x525x695 | 70 |
| 3870EA | 85 Liter | 15 full | 2 | 675x25x286 675x25x350 | 230V (50/60 Hz) | 13A 3000W | 660x525x875 | 81 |

EKA Series

| | | | | | | | | |
|----------------|----------|---------------|---|------------|--------------------|------------|-------------|----|
| 2540EKA | 23 Liter | 3 full/3 half | 4 | 168x20x414 | 230V (50/60 Hz) | 9.6A 2200W | 508x362x550 | 37 |
|----------------|----------|---------------|---|------------|--------------------|------------|-------------|----|

M Series

| | | | | | | | | |
|--------------|----------|---------------|---|--------------------------|------------------------|---------------|-------------|----|
| 2340M | 19 Liter | 2 full/2 half | 3 | 168x20x414 | 120/230V (50/60 Hz) | 11.7/6A 1400W | 508x362x550 | 30 |
| 2540M | 23 Liter | 3 full/3 half | 4 | 168x20x414 | 120/230V (50/60 Hz) | 11.7/6A 1400W | 508x362x550 | 33 |
| 3850M | 65 Liter | 10 full | 2 | 495x25x286 495x25x350 | 230V (50/60 Hz) | 10.4A 2400W | 660x525x695 | 69 |
| 3870M | 85 Liter | 15 full | 2 | 675x25x286 675x25x350 | 230V (50/60 Hz) | 13A 3000W | 660x525x875 | 78 |

MK Series

| | | | | | | | | |
|----------------|-----------|---------------|---|------------|------------------------|-----------------|-------------|----|
| 1730MK | 7.5 Liter | 2 half | 3 | 115x20x290 | 120/230V (50/60 Hz) | 11.3/5.9A 1350W | 442x307x460 | 20 |
| 2340MK | 19 Liter | 2 full/2 half | 3 | 168x20x414 | 230V (50/60 Hz) | 9.6A 2200W | 508x362x550 | 31 |
| 2540 MK | 23 Liter | 3 full/3 half | 4 | 168x20x414 | 230V (50/60 Hz) | 9.6A 2200W | 508x362x550 | 33 |



Accessories

Impulse Sealing Machines

Sterilization is effective only if the sterility of the instruments is preserved from the point of sterilization until they are used. The sealing process ensures that the instruments remain sealed after sterilization and maintain perfect sterility during their shelf-life. Our range of fast and reliable impulse sealers complies with the strictest quality and safety standards (DIN 58953-7). For rapid instrument turnaround we offer an automated range of rotary sealing machines.



Water Distiller

Use mineral-free water to protect your autoclave and instruments.

- Increases the life of the autoclave piping system
- Distilled water at the fraction of the cost of bottled distilled water



Chamber Brite™

Chamber Brite™ effectively cleans and descales the chamber, the reservoir and copper tubing of any steam autoclave.



More from Tuttnauer:

Featuring Tuttnauer's range of cleaning, disinfection and sterilization solutions



Large sterilizers for various industries and market needs



Washers/disinfectors for hospitals and laboratories



Laboratory autoclaves ranging in size and application



Pre & post vacuum tabletop sterilizers designed to perform class B cycles

International Sales and Marketing

Contact us at <https://tuttnauer.com/contact>

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