

110

STERIS® Cmax

Surgical table

**CMAX™**

**New generation**

**CMAX3 & CMAX3-DRIVE**



One Integrated Approach to Healthcare

 **STERIS**

## CMAX™ new generation operating table Advanced vision

### This is not an evolution, it is a revolution.

STERIS is making history in innovative operating tables, fully reworked and created precisely in line with the needs of all surgeons. The latest operating table from the already successful CMAX™ range opens up an even broader scope than before, with improved mobility and comfort for practitioners, whatever their discipline.

Once again, STERIS raises the bar and pushes the boundaries.

## An exceptional table

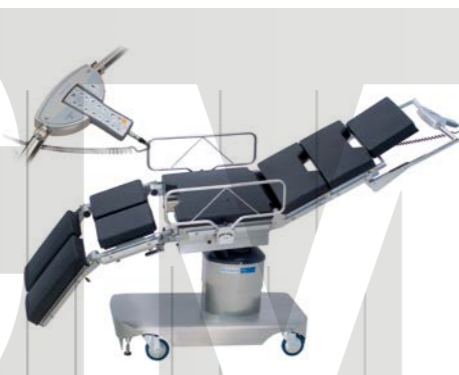
The CMAX™ operating tables are available in two different models:

- CMAX3
- CMAX3-DRIVE (powered transfer)

## Evolution of the CMAX™



Launched in 2000



2006



2008



2016



2018



## CMAX™ operating table: see all of the innovations

### The next step in excellence

- Universal multi-speciality operating table
- Extra-low intervention positioning of 58cm without sacrificing the maximum height of 110cm (dual telescopic column)
- Two-way 454mm slide
- Optimal width table top - 52cm wide
- Radiolucent table top along the entire length
- Table top articulation offset to the column
- Narrow column centred under the table top
- Maximum weight capacity up to 500kg (centred on the column)
- Compatible with all existing CMAX™ extensions and accessories
- Interchangeable headrests and leg positioners
- Excellent battery autonomy

In 3 words...

### UNIVERSAL

An infinite ability to adapt to surgical interventions and specialities. The CMAX™ operating table can be configured in a moment thanks to its modular design and one of the largest catalogues of accessories and extensions on the market.

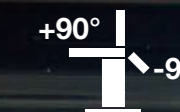
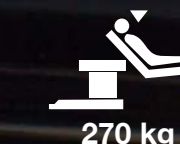
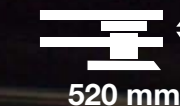
### ERGONOMIC

The CMAX™ operating table is so easy to use you can forget it's there! It obeys the operators' every instruction from their fingertips so that they can concentrate on caring for their patients.

### RELIABLE

The latest from the CMAX™ operating tables range takes quality and durability one step further. All of the benefits can be seen from every angle: from the finish and the design, to the choice of resistant materials for quick maintenance and heightened durability.

## Unrivalled displacement



## There's more to the CMAX™ operating table than meets the eye

### EXCEPTIONAL MOBILITY

4 wide and double wheels offer excellent manoeuvrability in all directions, even when the patient is lying on the table top.

### STABILITY

Hydraulic system to compensate for uneven flooring, making for excellent stability (compensation of up to 8mm).

### COMFORT

Memoline MFOAM moulded or welded memory-foam cushion ranges (5 and 8cm for optimum patient comfort).

Exceptional down to the finest detail



(1)



(2)



(3)



(4)



(5)

### (1) Quality of materials

Electropolished stainless steel, high-performance aluminium and rustproof side rails.

### (3) Self-locking headrests and leg positioners

Hi-lock system.

### (4) Dual power mains / battery

Battery charge status on hand control and table base.

### (5) Backup system

In the event of electrical failure, allows all main functions of the table to continue working.

### (2) Unobstructed base

For optimised surgical access.

## All functions within reach

The CMAX™ operating table includes a smart remote control with intuitive functions for steering, configuring, and viewing the selected movement and the position of the table on screen.

### Smart remote

- Backlit colour display, ideal for endoscopic surgery
- Safety: vibrating anti-collision sensor (Auto Limit Sensor) to prevent the motorised sections from contacting the ground or table
- Hand Control with graphic information and position display
- Pre-programmed positions (e.g. bariatric surgery) with up to 8 programmable positions
- Dual-mode remote control: wired and Bluetooth® as standard



## CMAX3-DRIVE:

The performance of the CMAX3 version with the addition of a central motorised wheel changes everything!

### Powered transfer: a revolution in the surgical suite

Launched in 2006, STERIS' unique and innovative concept of powered transfer is much more than a new idea: it has completely redesigned the management of patient flow and opened up myriad new possibilities for organising the surgical suite. With powered transfer, **moving patients in and around the surgical suite becomes safe and easy.**



### The CMAX3-DRIVE's motorised wheel

- 360° rotation of the base with no drift thanks to the central motorised wheel
- Slowdrive remote-controlled system: the table can move forward or reverse without the handle



### Hand10C Transfer handle

- Adjustable transfer speed: flexibility
- Easily switch between right-handed and left-handed mode
- Safety for patients and comfort for users



## The patient journey redesigned

### Optimise patient flow in your surgical suite

- Save time
- Save space
- Safety for patients
- Comfort for medical teams



# EXTENSIONS AND ACCESSORIES compatible with all surgical disciplines

The CMAX™ range of operating tables, in addition to its versatility in terms of disciplines, also offers a very broad range of extensions and accessories. These are compatible with the latest generations of the CMAX™ table. The STERIS catalogue of options and accessories is continuously being added to by the STERIS starpdevelopment team, fully in keeping with the brand's quality standards and promise.



Convenient storage thanks to the STERIS range of accessory carts



Positioning accessories



Clamps



## | Patient in reversed position



## | Patient in normal position



Find out about all the CMAX™ extensions and accessories on [www.steris-lesindispensables.com](http://www.steris-lesindispensables.com)



# Cmax™ : A versatile and modular table to support the needs of all surgeons

## What are the advantages of a low position?

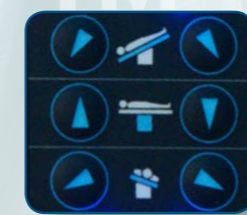
to respond to the new surgical techniques such as visceral and abdominal surgery, endoscopy, or laparoscopy.

## The widest flexibility of combined movements

- Trendelenburg/Reverse Trendelenburg: 45°/-30°
- Slide of 454mm
- Lateral incline 25°
- Backrest articulation: +90°/-90°
- Minimum height of 58cm (and up to 27cm in extreme slide)
- Maximum weight of 500kg centred on the column (270kg in all positions)

1,95m  
1,80m  
1,60m

Cmax™: the table that goes low for the best possible surgeon comfort and ultimate patient safety.



## Orthopaedics

Shoulder surgery - BAK05C  
Combination of movements:



Articulation of shoulder rest  
+  
Low position

Excellent surgeon access

## Spinal surgery

In knee-chest position – GP996  
Combination of movements:

Articulation of back  
+  
Slide  
+  
Low position

The articulated motorised section combined with accessories offers excellent and safe positioning of the patient.



## Orthopaedics

Total hip replacement (THR)  
Lateral position:

Low position



58cm

## Bariatric surgery

LEG50C  
Combination of movements:

Inclination  
+  
Slide  
+  
270kg  
+  
Low position

Motorised articulation of the pelvic section allows optimal access for the surgeon.



27cm

# POSITIONS

## Neurosurgery

### Ventral decubitus position

For craniotomy by using a neurosurgery horseshoe headrest.



Adapter for speciality headrests (aluminium and carbon).

### Seated position

Table top articulates to provide the patient with a comfortable and ergonomic position.



## Visceral / general / laparoscopy surgery

The use of separate leg positioners, **LEG10C**, offers excellent access for the surgeon in laparoscopy interventions.



**Motorised pelvic articulation** for perfect positioning in gynaecology and urology.

## Gynaecology Urology

**Lithotomy position** with LEGMATIC leg positioners **LEG20C**



**Lateral decubitus position** with extension for nephrectomy interventions.



# POSITIONS

## Vascular

The ultra-long 454mm slide allows exceptional imaging access.



The carbon extension **EXTCARB** provides imaging clearance of 1280mm (from the head to the femoral artery or from the feet to the sternum).

**Patented invention by STERIS: a sliding and removable elevator system**

The **KCL01** elevator system can be shifted and adjusted in height throughout surgery. Its manual and intuitive control offers great precision of the adjustments, which is highly appreciated in spinal surgery by anterior approach. This device facilitates the placement of implants all the while ensuring that the patient's disc opening is maintained.





**What are the advantages of a high position?**

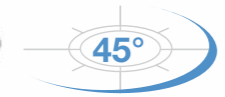
to respond to the needs of certain types of surgery, such as orthopaedic surgery.

The handle on the boot stirrup and the rotation on the traction unit allows for easy guided adjustment.

Positioning the bars is easy thanks to handles and rails incorporated at the end of the bar.

The traction unit is mounted on a cart that slides freely when unlocked.

45° movements of the "3D" bar in all directions



**Orthopaedic and traumatology surgery**

Orthopaedics and traumatology are complex and demanding disciplines, STERIS offers a range of extensions dedicated to the specific needs of these specialities the practice and techniques of which are in constant development.

The CMAX™ operating table configured with the orthopaedic extension ORT8000B has been designed to suit all lower-limb traumatology requirements and offers a solution for **M.I.S. techniques (minimally invasive surgery)**.

**Femoral nailing with lateral traction**



**Tibial traction**

Completely radiolucent thanks to the offset traction unit and easy imaging access thanks to the "3D" bar.



The **HEAD04B** double-articulated headrest enables the patient's head to be optimally positioned



CMAX™ also accepts the **ORT9000**, 2D traction system in **carbon fiber**.

**Shoulder surgery**

The **BAK05C** extension, which has been redesigned for enhanced ergonomics, has three articulations and the addition of a headrest, allowing precise and adjusted positioning with utmost patient safety.



Exclusive EasyLock system

Use of a specific motorised backrest enabling the patient to be positioned with utmost safety. Certain parts are removable and allow the shoulder to be freed to offer better access to the surgeon.

**Arm and hand surgery**

Carbon fiber table **TAB260CF**, a light and radiolucent material.



# POSITIONS

## Bariatric and visceral surgery

Exceptional performance in terms of patient weight capacity for bariatric and abdominal surgery.



500  
KG

500kg\* centred on the column

Excellent  
surgeon access



270kg\* in all positions...



... even with extreme slide

52cm table top, extendable up to 72cm with width extenders (optional)

## Ophthalmology / ORL

The low position (58cm) allows better access and optimal comfort for the surgeon when using a microscope.



The HEAD07 headrest allows optimised positioning thanks to its double articulation.



HEAD06B



BACKORL



STERIS offers a range of headrests for every speciality.

## An operating table made in Europe

The CMAX™ operating table is distributed all over the world but made in France, on a site that produces a wide range of equipment for surgical suites.

### Our quality requirements:

- Proximity and heeding the specific needs of French and European users
- Full control of industrial processes and the quality of the product
- Integrating the best European suppliers, giving preference to local suppliers
- Monitoring products and adapting them to the needs of our users
- Capitalising on the knowledge and knowhow of French engineers and technicians



The factory for our operating lights, operating tables, distribution arms and washers is based in Le Haillan, France (33).

# TECHNICAL SPECIFICATIONS

### Mechanical features:

- Raising/Lowering..... 1100mm/580mm (travel 520mm)
- Left lateral incline/Right lateral incline..... 25°/25°
- Trendelenburg/Reverse Trendelenburg..... 45°/-30°
- Raising back/Lowering back..... 90°/90°
- Head/Feet slide..... 224mm/230mm (travel 454mm)
- Flex/Reflex..... -220°/120°
- Length of table top (without extension)..... 840mm (2025mm with separate headrests and leg positioners)
- Width of table top..... 520mm (560mm rails included)
- Maximum patient weight + accessories..... 270kg
- Maximum raising/lowering capacity..... 500kg horizontal table top, with centred slide and load
- Floor clearance/Wheel diameter..... 16mm/100mm

## THE STERIS PROMISE

### STERIS offers a wide range of services:

- Installation
- Connection
- Start-up
- Training (on client site or in Bordeaux)
- On-site intervention
- Technical assistance
- Plus a range of service contracts

### Easy maintenance:

Cmax™ tables are equipped with a PC connection port to make diagnostics easier through proprietary software called Eserve.



## STERIS, a major player in the healthcare sector

With more than 12,000 employees worldwide, STERIS is a major player in the healthcare sector. Partnering with more than 25,000 clients in over 108 countries, STERIS offers an all-in approach for the entire surgical suite with ORigami™: from operating tables, operating lights, integration systems, and distribution arms, to partition walls, doors, sinks, laminar flows and much more. Everything is focused, coordinated and optimised to offer a remarkable quality of service every single day. STERIS also offers infection prevention technologies through STERIS IPT (Infection Prevention Technology: washers, disinfectors, sterilisers and consumables.



### STERIS SAS

116 Avenue Magudas  
33185 Le Haillan (Bordeaux) - France  
Tel: + 33 (0)5 56 93 94 94  
Fax: + 33 (0)5 56 93 94 95  
Email: [contact\\_hc@steris.com](mailto:contact_hc@steris.com)  
[www.steris-healthcare.com](http://www.steris-healthcare.com)  
[www.steris-accessories.com](http://www.steris-accessories.com)

### STERIS Corporation

5960 Heisley Road - Mentor,  
OH 44060-1834 - USA  
Tel: + 1 440-354-2600  
Fax: + 1 440-639-4457  
[www.steris.com](http://www.steris.com)

### ASIAN Headquarters

STERIS SINGAPORE PTE LTD  
3 International Business Park  
#01-20 Nordic European Center  
Singapore 609927  
Tel: + 65 6841 7677  
Email: [APCS@steris.com](mailto:APCS@steris.com)

### STERIS OFFICES WORLDWIDE

Belgium + 32 3 304 95 44  
Canada + 905 677 0863  
China + 86 21 6137 1166  
France + 33 5 56 93 94 94  
Germany + 49 221 4661 20 30  
India + 91 22 4322 1616  
Italy + 39 02 213 034 1  
Japan + 81 3 5210 1521  
Latin America + 55 11 3372 9499  
Malaysia + 60 3 7954 9822  
Russia + 7 495 225 85 63  
Spain + 34 91 658 5920  
Switzerland + 41 (0) 32 376 02 00  
UK + 44 116 2740 600

### ESCHMANN Equipment

A Subsidiary of STERIS Corporation  
Eschmann House  
15 Peter Road  
Lancing Business Park  
Lancing, West Sussex BN15 8TJ  
Tel: + 44 1903 753322  
Fax: + 44 1903 875789  
Email: [info@eschmann.co.uk](mailto:info@eschmann.co.uk)  
[www.eschmann.co.uk](http://www.eschmann.co.uk)

2018 STERIS SAS - M218EN, 2018-03, Rev A - Cmax 3. All rights reserved. The specifications are for information only. STERIS reserves the right to modify them without notice. Photos are not contractually binding. Photo credit: AnaelB/Kreaphoto. The Cmax™ operating tables are medical devices with class I CE marking. To use this equipment safely, carefully read the instructions in the user manual and on the labelling. With thanks to Siemens for the loan of the image intensifier.

