

SteriStay – The protective instrument table

The unique, protective instrument table SteriStay ensures that instruments and implants remain sterile during both preparation and the entire surgical procedure. SteriStay is a mobile adjustable-height instrument table that is just as convenient to use as your regular one.

Approx. 70% of the bacteria at wound site come from surgical instruments that have been contaminated by airborne sedimenting bacteria. SteriStay guarantees an ultraclean air environment with <5 cfu/m³ air around your sterile instruments at all times. SteriStay offers increased number of air exchanges and reduced number of particles in the entire operating room with 400 m³ of air cleaned every hour through the HEPA filter.



SteriStay has a built-in protective barrier of ultraclean air that prevents dangerous, airborne bacteria-carrying particles from coming into contact with surgical instruments. Only then can instruments remain sterile during the entire surgical procedure.

“Everything which is to come into contact with the wound has been made sterile, except the air, which is in contact with everything”

Whyte 1973

SteriStay can be used in all types of operating rooms and surgical preparation rooms, independent of ventilation system, where sterile instruments are handled. By using SteriStay you can expand the ultraclean zone in the operating room. Setting up the table in advance under safe and secure hygienic conditions minimizes setup time between surgeries. You win valuable operation time and increase your productivity. SteriStay can easily be moved to the preparation room and prepared whenever needed. You do not have to wait until the operation room is ready.



Toul Meditech's Quality Management System is conforming to the requirements of ISO 13485:2016. SteriStay is a Class I device according to the Medical Device Regulation (EU) 2017/745.

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Specifications

Physical Data:

Air zone unit:	Overall size: 170 L x 60 W x 80 - 120 H cm Weight: 60 kg
Load limitation:	Load limitation: Tray may be loaded with max 50 kg

Power Data:

Power supply:	230 VAC, 50 Hz
Power consumption:	160 VA (23 VA in standby-mode)

Airflow Data:

Airflow speed:	0.4 – 0.5 m/s
Air cleaning capacity/hr:	400 m ³ /hr
Clean air zone length:	133 cm (173 cm with extension)
Cleanliness:	<5 cfu/m ³ air inside the sterile air zone.

HEPA Filter:

H14 Filter, High Efficiency Particles Filter	Filters 99.995% particles >0.3 µm
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Clinical Data:

Efficacy:	Studies have shown a reduction from 111 to 2 CFU/m ³ (Colony Forming Units) in a clinical environment
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Regulatory compliance:

Europe	CE mark Class I according to MDR (EU) 2017/745.
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Manufactured by:



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