



## SteriStay – The protective instrument table

The unique, protective instrument table **SteriStay** generates a clean airflow over the table to reduce the presence of particulate matter and microorganisms over instruments and other sterile goods. The SteriStay is a mobile adjustable-height instrument table that can be used as a traditional instrument table, but with the difference that the instruments will be supplied with a clean airflow.

Approx. 70% of the bacteria at wound site come from surgical instruments that have been contaminated by airborne sedimenting bacteria. SteriStay provides an ultraclean air environment with  $<5$  cfu/m<sup>3</sup> air around your sterile instruments. **SteriStay** offers increased number of air exchanges and reduced number of particles in the operating environment with 400 m<sup>3</sup> of air cleaned every hour through the HEPA filter.



**SteriStay** has a built-in protective barrier of clean air that prevents dangerous, airborne bacteria-carrying particles from coming into contact with surgical instruments. By using a unique sterile shield as a protective barrier, the instrument table can be placed close to the OR table.

*“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 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 has been assessed and registered by Intertek Certification AB as conforming to the requirements of ISO 13485:2016.



SteriStay complies to North American and Canadian safety standards according to IEC 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use.

## Specifications

### Physical Data:

Air zone unit:	Standard table size: 51 x 23 inch Overall length: 67 inch Height: adjustable 31 - 47 inch Weight: 132 lb
Load limitation:	Table top may be loaded with max 110 lb

### Power Data:

Power supply:	120 VAC, 60 Hz
Power consumption:	290 VA (23 VA in standby-mode)

### Airflow Data:

Air flow velocity:	0.4 – 0.5 m/s
Air cleaning capacity/hr:	400 m <sup>3</sup> /hr
Length of clean air:	51 inch

### 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 <sup>3</sup> (Colony Forming Units) in a clinical environment
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### Regulatory compliance:

USA	FDA 510(k) cleared
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