toul meditech©

SurgiCube®

Localized ISO 5 Surgical Environment

Expand surgical capacity without expanding your hospital. SurgiCube transforms existing clinical space into a Localized ISO 5 Surgical Environment, enabling hospitals to perform more procedures while avoiding the cost and complexity of building additional operating rooms.

Find out more on toulmeditech.com

ISO 5
Localized surgical environment

99,97%
Filtration efficiency

<5
Particles ≥0.5 µm / ft³

SurgiCube® Hôpital Fondation Rothschild

Why hospitals choose SurgiCube®

Expand Procedures Beyond the Operating Room. Maintain a Localized ISO 5 Surgical Environment over the patient and instrument table, enabling procedures outside the operating room without compromising surgical quality.

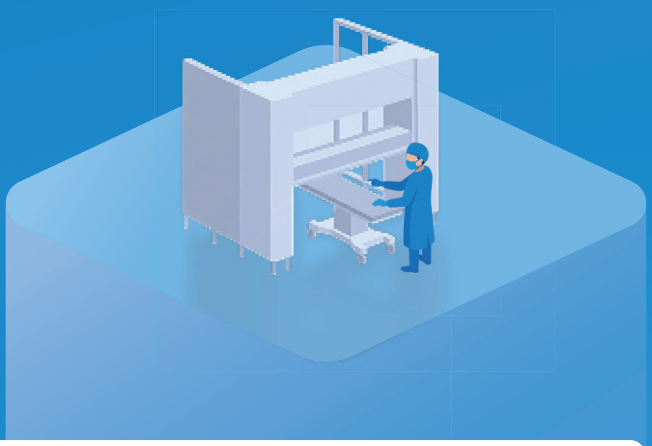
Increase Surgical Capacity. Reduce Capital Investment. Expand procedural capacity without building additional operating rooms, making better use of existing infrastructure while avoiding major construction costs.

Improve Operational Efficiency. Increase flexibility, optimise resource utilisation and adapt quickly to growing procedural demand.

SurgiCube®

Localized Sterile Airflow

Delivering ultra-clean air to where it matters most: your operating area.



Technical specifications

Physical data

Model	SC180	SC200	SC220
Outer width	260-340 cm	280-360 cm	300-380 cm
Inner width	180 cm	200 cm	220 cm
Ultra-clean area	ISO-5 up to 100 cm from HEPA filter surface		

Electrical data

Power supply	230 VAC, 50 Hz	230 VAC, 50 Hz	230 VAC, 50 Hz
Power consumption	160-350 W	160-350 W	160-350 W
Electrical safety	IEC 60601-1	IEC 60601-1	IEC 60601-1
EMC	IEC 60601-1-2	IEC 60601-1-2	IEC 60601-1-2

Airflow data

Model	SC180	SC200	SC220
Volume of air/hr	1078 m^3/hr	1198 m^3/hr	1318 m^3/hr
Air flow velocity	0.45 m/s	0.45 m/s	0.45 m/s

Filters

HEPA filters	H14 / ISO 45 H EN1822; 2019 & ISO 29463
Pre filters (#1)	G4 = ISO Coarse 65% ISO 16890 Consumption 160 W
Pre filters (#2)	F7 = ISO ePM1 55% ISO 16890

Sterile drapes

Model	SCDR 180	SCDR 200	SCDR 220
Size	180 cm	200 cm	220 cm

QMS conforms to ISO 13485:2016. SurgiCube® complies with the Medical Device Regulation (EU) 2017/745.

Find out more on toulmeditech.com

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