



TOUL 200 Ceiling mounted laminar airflow system

The ceiling-mounted unit, TOUL 200, is the solution of choice for those preferring a dedicated, fixed installation that can be optimally mounted without interfering with staff movements and other equipment. TOUL 200 is just as easy to operate as an ordinary operating lamp.

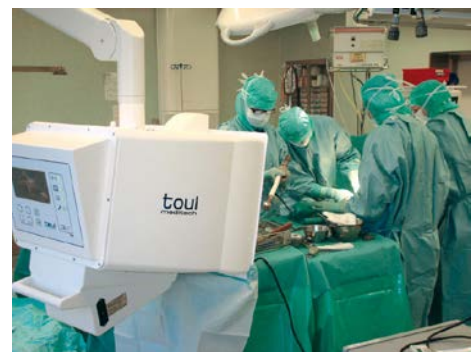
TOUL 200 produces ultraclean air in a pre-defined area, by circulating the ambient air in the operating room through a HEPA filter to clean the air from bacteria and particles. The unit is mounted on an extendable pendant and has proven to be both cost-effective and very efficient to ensure ultraclean air over the surgery site.

The unit distributes 400 m³ air per hour through a flexible LAF screen that forms the airflow into a column of air. This airflow is turbulence-free and is not impeded by the movements of the surgical team in the defined airflow area. Existing regular ventilation system does not affect the function of the unit. Airflow is > 0.4 meters per second in the defined area.

The TOUL 200 is equipped with an easy to use control system, helping the user direct the airflow in the most effective way. A camera assists in determining airflow direction and an integrated sensor determines the correct distance from the surgical site for maximum effect. An integrated display allows the user to easily check and verify the set-up. The integrated camera can transmit video signals to other video equipment.



"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



TOUL 200 bears the CE marking and is a Class I device according to the MDD (Medical Device Directive) 93/42 EEC.

Toul Meditech's Quality Management System has been assessed and registered by Intertek Certification AB as conforming to the requirements of ISO 13485:2012.

TOUL 200 is protected by patent.

Specifications

Physical Data:	
Air Flow Unit:	Size: L 70 x W 60 x H 55 cm Weight: 35 kg
Pendant Type Ondal Space for weight up <40kg	Travel 1.8 m Weight: 35 kg
Power Data:	
Power Supply:	230 VAC, 50 Hz for Europe , 115 VAC, 60 Hz for US
Power consumption:	160 W
Air Flow Data:	
0.4-0.5 m/s, 400 m3/h	
Operational Conditions:	
Working Temperature:	+10° to +30°C (+ 50° to +86°F)
Humidity:	5-80% (non condensing)
Atmospheric Pressure:	500-1060 hPa
HEPA Filter:	
H14 Filter, High Efficiency Particles Filter; Filters 99.995% particles > 0.3 µm	

Toul Meditech AB
Tunbytorpsgatan 31
SE 721 37 Västerås, Sweden

Phone: int + 46 21 13 50 00
Fax: int + 46 21 13 86 45

Internet: www.toulmeditech.com
E-mail: info@toulmeditech.com