



OT-Doors

Our OT-Doors

Operating theatre doors are an essential part of the hygiene concept in operating theatres and thus make an important contribution to patient safety. Automatic doors also increase ergonomics and optimise operating theatre procedures for safe and effective operations. In the hectic daily routine of an operating theatre, high demands are placed on safety, reliability and durability. Regular maintenance intervals ensure that these requirements are met at all times. Therefore, user-friendliness also plays a major role in carrying out maintenance work and helps reduce costs. Our operating theatre doors are characterised by the use of moisture-resistant materials in the entire structure of the door blade, by particularly robust and easy-to-clean laminate surfaces with permanent antibacterial properties and flush integration of viewing windows. This not only increases the door's service life but also guarantees optimal hygienic conditions in the area of the operating theatre access. The highest safety standard is achieved by means of using state-of-the-art sensor technology for permanent monitoring of the door passage and intelligent door control.

We attach particular importance to the quality of our products - for the benefit of our customers and the well-being of their patients.

Features and Advantages


- smooth surfaces
- humidity-proof door blade
- flush integration of viewing windows
- touchless hand-or elbow- and touchless foot-switch activation
- battery buffered automation in case of power failure
- integration into building management systems

Options


- Hermetically closing doors system for special requirements in cleanroom areas
- X-ray radiation protection up to 2 mm Pb

Normen und Standards

- EN ISO 16005 (Power operated pedestrian door sets - Safety in use - Requirements and test methods)
- EN ISO 13849-1 (Safety of machinery - Safety-related parts of control systems).



CERTIFICATE



This is to certify that the company

DANMEDICS Medical Engineering GmbH
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Germany

has implemented and maintains a **Quality Management System**.


Scope:
Planning and execution of turn-key surgical operating departments. Production and sales of surgical operating- and examination lights and medical supply units. Development, production and sales of equipment and software for telemedicine and telecommunication. sales of hospital equipment.

Through an audit, documented in a report, performed by DQS Medizinprodukte GmbH, it was verified that the management system fulfills the requirements of the following standard:

EN ISO 13485 : 2016

Certificate registration no.	329584 MP2016
Certificate unique ID	170716963
Effective date	2018-10-03
Expiry date	2021-10-02
Frankfurt am Main	2018-08-01


DQS Medizinprodukte GmbH




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Technical Data

- Dimensions of free passage W x H: up to 1400 mm x 2120 mm
- Thickness of door blade: 42 mm
- Door blade SteriPanel® HPL top layer: 2 mm (on both sides)
- Door blade core made of humidity and fungus resistant sandwich element: 2 x 10 mm high-density PU hard foam material, max. humidity absorption < 3 mass-% (EN 12571), with an intermediate layer of 18mm PU hard foam, max. humidity absorption < 3 Vol.-% (EN 12087)
- Microprocessor control
- Infrared motion and movement sensors acc. EN 16005
- Max opening speed: 70 cm/sec.

DANMEDICS®

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Technical data subject to change without notice
Surgical Lights 01/2021

