

HEAVY DUTY SYSTEMS

OPERATING ROOM
ENDOSCOPY
INTENSIVE CARE



Maximus 3000

The next generation for OR, Endoscopy and Intensive Care



Movement - light as a feather



Maximus 3000 THE NEXT GENE



VALUABLE ADVANTAGES FOR THE USER

USER-FRIENDLY DESIGN

The **Maximus 3000** has been designed with user requirements in mind: concealed fasteners provide a smooth surface for easy cleaning. The **Maximus 3000** can be easily adapted to your specific corporate design. Numerous customization options are available, from using your corporate colour scheme on the end caps, to printing of your company logo on your **Maximus 3000**.

E-Brake

SAFE AND FLEXIBLE IN AN EMERGENCY (1-3)

The **E-Brake**, the innovative electromagnetic passive brake system of the **Maximus 3000** keeps the system safely positioned even during a power outage. The **E-Brake** is also designed to allow manual repositioning at any time.

SurroundLED C + F

VARIABLE LIGHTING (4+5)

Dimmable LED lights serve as an indirect light source in the OR and as an orientation aid for medical staff in the ICU. The **SurroundLED C** feature in the upper extension arm of the **Maximus 3000** provides comfortable lighting on the ceiling. Upon request, the bottom of the service head can be equipped with the **SurroundLED F** to light the floor area.

BrakeGuide

DEFINITELY EASIER TO USE (1+3)

The LED colour lighting system of the **BrakeGuide** virtually eliminates the risk of faulty operation.

The **BrakeGuide** provides visual feedback and shows where the brake was released. With this feature, the **BrakeGuide** offers a significant advantage over other systems and improves the safety and user-friendliness, especially in a dark OR environment.

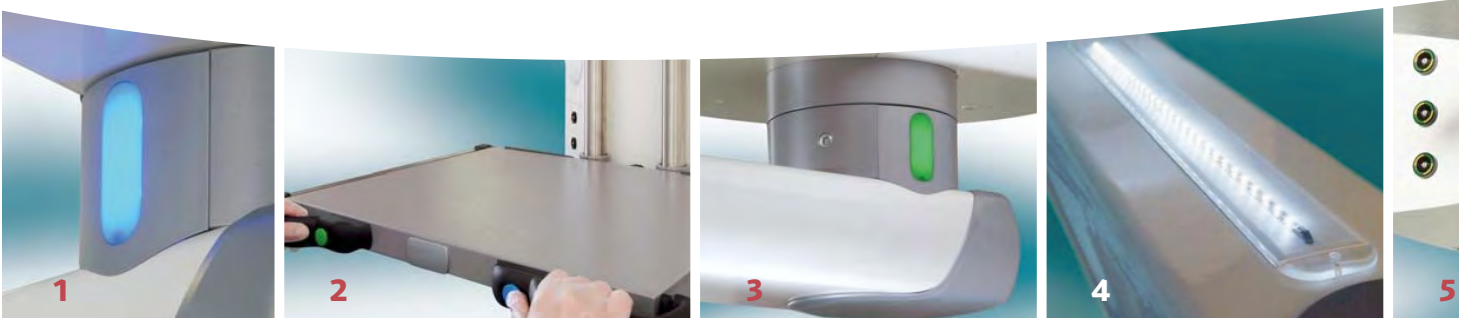
MediSound-System

AMAZING SOUND QUALITY (6-8)

The **MediSound-System** is the first audio system approved for medical applications in the OR and ICU.

An iPod or MP3 player can be easily connected to the docking station and controlled with the infrared remote control.

Four speakers in the service head or as an option, an external spherical speaker produce premium all around sound. In this way, the **MediSound-System** can help to reduce reduce the patients' perception of pain and distract them from disturbing OR noises. It also improves the work environment of the surgical staff.



RATION



COMPELLING TECHNOLOGY

OPTIMIZED AND EASIER INSTALLATION (9)

The new, innovative design of the **Maximus 3000** is impressive. Fasteners have been concealed from the exterior and interior restricting points have been eliminated. Cables can be easily installed through large openings.

The Plug-and-Brake system (5) is a particularly handy feature of the **Maximus 3000**. It allows for a speedier connection of the control panel to the Service Head by means of quick-action couplings. Large openings at the bearing points facilitate quick and easy cable installation.

E-Brake STANDARD FEATURE AND MAINTENANCE FREE (1-3)

The electromagnetic brake system called **E-Brake** is a standard feature of the **Maximus 3000**

The previously required compressed-gas/air (Nitrogen or air) connection is no longer needed due to the electrical actuation of the **E-Brake**. This reduces infrastructure cost and ongoing maintenance issues with conventional air brakes. With normal operation there are no costs for replacement parts due to the maintenance-free design of this brake system.

SMOOTH MOVEMENT OF BEARINGS

Maximus 3000 is equipped with the most innovative bearing system for ceiling-mounted pendant systems.

Loads up to 640 kg can be moved with ease. The integrated bearings have optimised running characteristics which allow the smooth repositioning of the system when the brake is released.

SPACIOUS ACCOMMODATION FOR A MODERN OR SYSTEM (9)

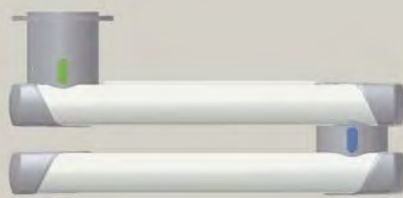
Modern ORs have to meet more sophisticated and complex requirements to allow high performance. For this reason, the extension arm and the bearings of **Maximus 3000** offer ample capacity for all current and future supply lines.



TECHNICAL DATA:

Model	Maximus 3000
Load max.	Single arm up to 640 kg / dual arm up to 300 kg
Brake type	Electromagnetic passive brake
System	Rated voltage: AC 100-240 V, rated power 200 W
Rated voltage SurroundLED	DC 12V
Rated voltage BrakeGuide	DC 24 V
Net weight	Extension arm 800: 29 kg; extension arm 1,000/ 800: 56 kg
Colours	Arm: RAL 9002, RAL 9010; Ceiling tube and drop tube: RAL 9022 other colors on request
Test symbol	UL from september 2011 on
Mark of conformity:	CE

TECHNICAL DATA & LOADS:



LENGTH

600 _{mm}	640 kg
800 _{mm}	470 kg
1,000 _{mm}	370 kg
1,200 _{mm}	300 kg

LOADS

LENGTH

600 / 600 _{mm}	300 kg
600 / 800 _{mm}	260 kg
800 / 800 _{mm}	220 kg
800 / 1,000 _{mm}	190 kg
1,000 / 1,000 _{mm}	170 kg
1,200 / 1,000 _{mm}	150 kg

LOADS

Medgas-Technik GmbH

Lahnstr. 8

56370 Berndroth

Germany

Telephone +49 (0) **6486-90496-0**

Fax +49 (0) **6486-90496-19**

E-Mail info@medgas-technik.de

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