

Dräger



D-35476-2015

Dräger OR Lights
Simply good light

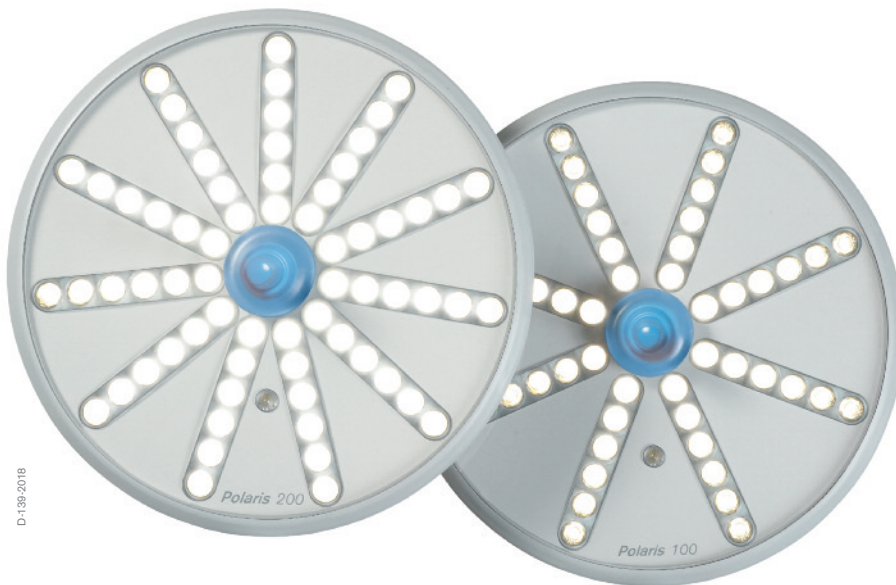
Dräger. Technology for Life®



»Dräger OR Lights – Sunlight is our benchmark«

Dräger has been developing and building medical devices for over 125 years. Our lighting and video systems offer excellent illumination for all surgical applications.

Dräger Polaris® 100/200



Dräger Polaris® 600



»Simply good light«

The outstanding feature of our lights is their intuitive handling. Users have a variety of control options, such as remote control and a wall panel, as well as a touch-sensitive panel on the light head itself. In view of the many interfaces found in the operating room and the fact that time is of the essence, a simple control system is of the utmost importance. The straightforward, functional design and lightweight construction of the Dräger Polaris® family plays an important part in meeting this requirement.

For Dräger, top quality and durability are key priorities. Our light systems can be adapted to your specific working environment. Furthermore, our worldwide network of service engineers is your guarantee of consistent support in matters of installation and maintenance.

The light source for the Polaris family is provided by the latest generation of LEDs. Each individual LED is equipped with its own lens reflector system. Superimposing the individual light bundles creates a homogeneous light column and ensures shadow-free and contour-rich viewing with natural colours in the operating field. The heat generated is regulated and dissipated by the patented thermal management system. This reduces the heat load for users and patients.





»Since we work with surgical lights all day, ease of use is absolutely essential.«*

OR NURSE

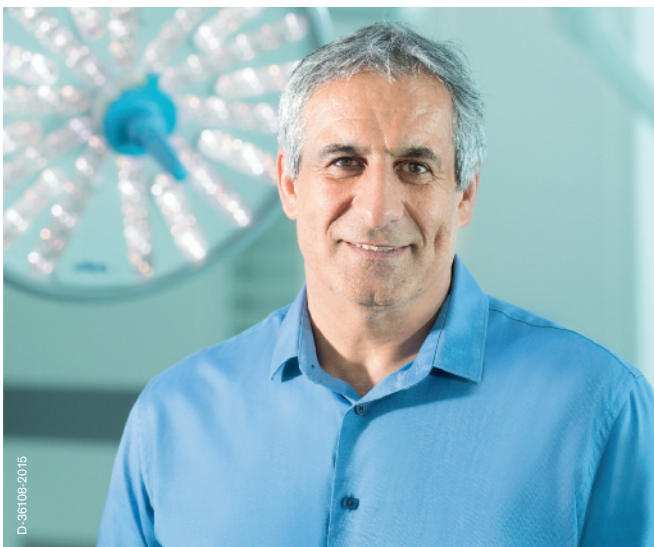
»Good lighting is crucial, since it enables me to concentrate on the most important element in the operating room – my patients.«*

SURGEON



»Technological innovation that you can understand intuitively without further training – now that is a real achievement!«*

BIOMED



*Quotes reflect actual user comments, however the image is an actor portrayal.

Dräger Polaris 100/200

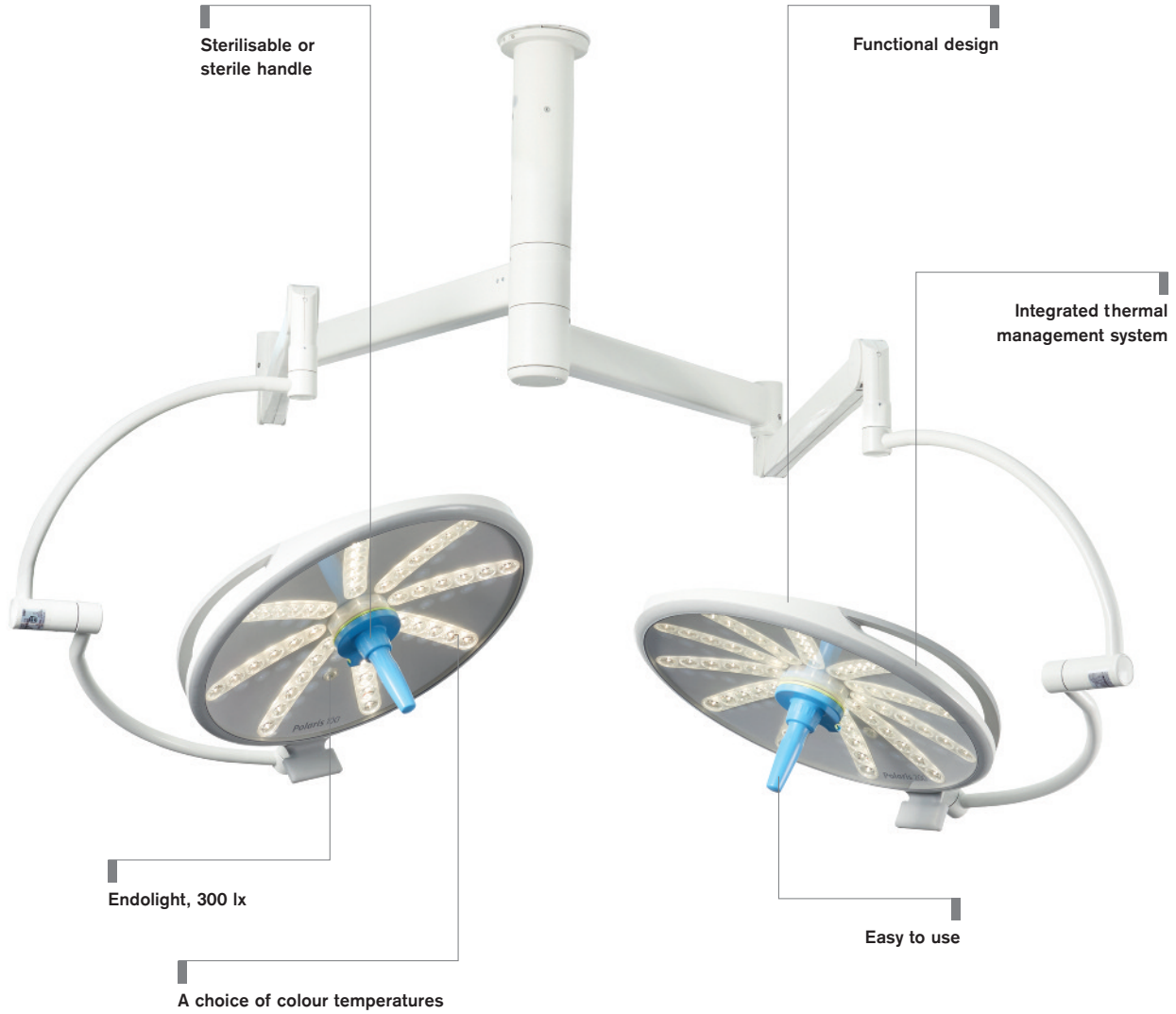
In the operating room, the right illumination is essential for success. The Dräger Polaris 100/200 surgical lights use the latest technology to provide white light, rich contrast and natural colours for carefree operation without placing too much strain on your hospital budget.

The OR lighting system consists of two main lights which can be combined as required. With an average service life of 50,000 hours, this low-cost and reliable LED technology provides many years of high-quality illumination. The straightforward, functional design of the Polaris 100/200, together with the lightweight construction of the light head makes it easy to use during operation.

The light system provides an economical and powerful solution for daily use in your operating room. With its low maintenance requirement and high reliability, the Dräger Polaris 100/200 is designed to give many years of trouble-free operation at extremely low running costs.



D-5962-2017





DESIGN

Sleek design
Small light head
Easy positioning



HANDLE

Sterilisable or sterile handle available



THERMAL MANAGEMENT

Temperature at the rear surface
of the light head <35°C



INTERFACE

Intuitive control panel
Wall panel
Handles on the light head



LIGHT INTENSITY

Dräger Polaris® 100: 40,000 to 120,000 lx
Dräger Polaris® 200: 40,000 to 160,000 lx
Endlight, 300 lx
Average service life of LEDs: 50,000 h



COLOUR TEMPERATURE

4,400, 5,000 or 5,600 K available



MOBILE VERSION

Versatile in use
(A&E, various operating rooms)
Can be used as a third OR light



Dräger Polaris 600

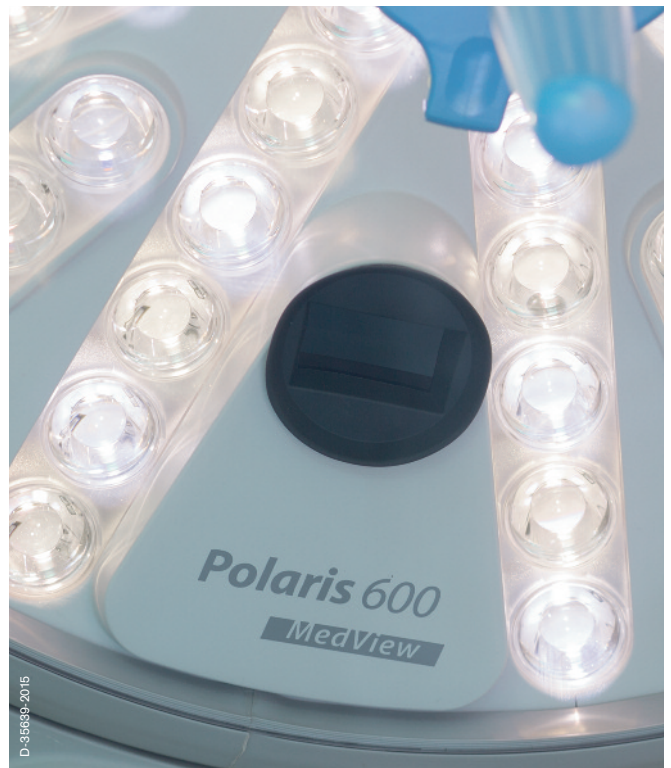
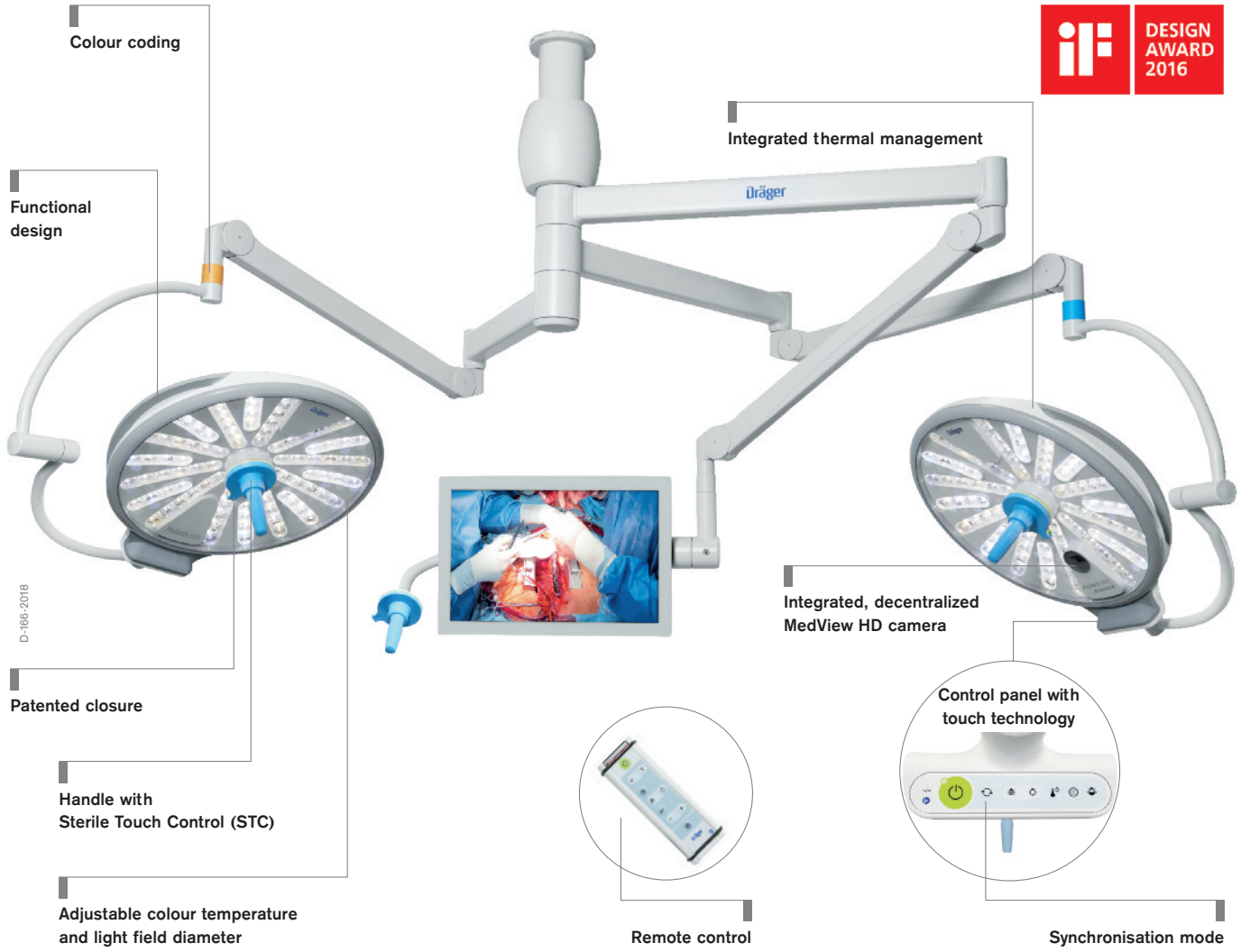
This OR light is state of the art: The Dräger Polaris® 600 makes your working day much easier – with intuitive control and versatile configuration options. The future-proof design of the system remains true to the philosophy of the product family providing you with simply good light.

The Polaris 600 surgical light excels through its sleek design and versatile configuration options. For the first time, the sterile handle with intuitive touch technology enables surgeons to adjust the light intensity and the light field diameter themselves. The OR team can adjust the light at the control panel or by using the wall panel or the remote control unit.

Additional functions such as the colour markings on the light heads enable staff easily identify which wall controls operate which lights.

The colour temperature and the light intensity of the Dräger Polaris 600 can be synchronised by touching a button on the control panel of each light. Video transfer can be provided by means of the optional MedView HD camera. This camera is completely enclosed by the lower glass of the light head so that no additional sterile handle is needed. Due to wireless video transmission, the light head can easily be upgraded with the camera.







INTERFACE

Intuitive control panel
Wall panel
Handles on the light head
Remote control



LIGHT INTENSITY

92 LEDs
20,000 to 160,000 lx
Endolight, 3,000 lx
Average service life of LEDs: 50,000 h



COLOUR TEMPERATURE

Adjustable between
3,800, 4,400, 5,000 and 5,600 K



COLOUR CODING

The light system and the wall panel
are colour-coded for easier identification



LIGHT FIELD DIAMETER

The light field can be adjusted incrementally
to give perfect illumination



DESIGN

Sleek design
Small light head
Easy positioning



HANDLE

Sterilisable or sterile handle available



SYNCHRONISATION MODE

Light intensity matches colour temperature



INTEGRATED OR READY

OR interface for video management
and control



MOBILE VERSION

Versatile in use
(A&E, various operating rooms)
Can be used as a third OR light



CAMERA

High-quality HD camera integrated
into the light head
120x zoom, wireless transmission
of video signal



STERILE TOUCH CONTROL (STC)

Intuitive adjustment of the light field diameter
and light intensity at the sterile handle



Concept for Polaris handles

For the sterile control of our Polaris OR lights or displays, you can choose between a sterilisable handle or our sterile disposable variety, depending on your individual infection prevention and control programme. The handles have been exclusively developed for Dräger surgical lights, and are available for the Polaris family 100/200, 600, and Multimedia.

You can intuitively control the light field diameter and light intensity using sterile touch control (STC) technology. Simply double tap to control the light field, or adjust light intensity with a swiping gesture—all while wearing surgical gloves. You can also comfortably position the light by using the lower part of the handle to give you an optimum view. Moreover, its polygon shape ensures you a perfect force distribution and easy turning.

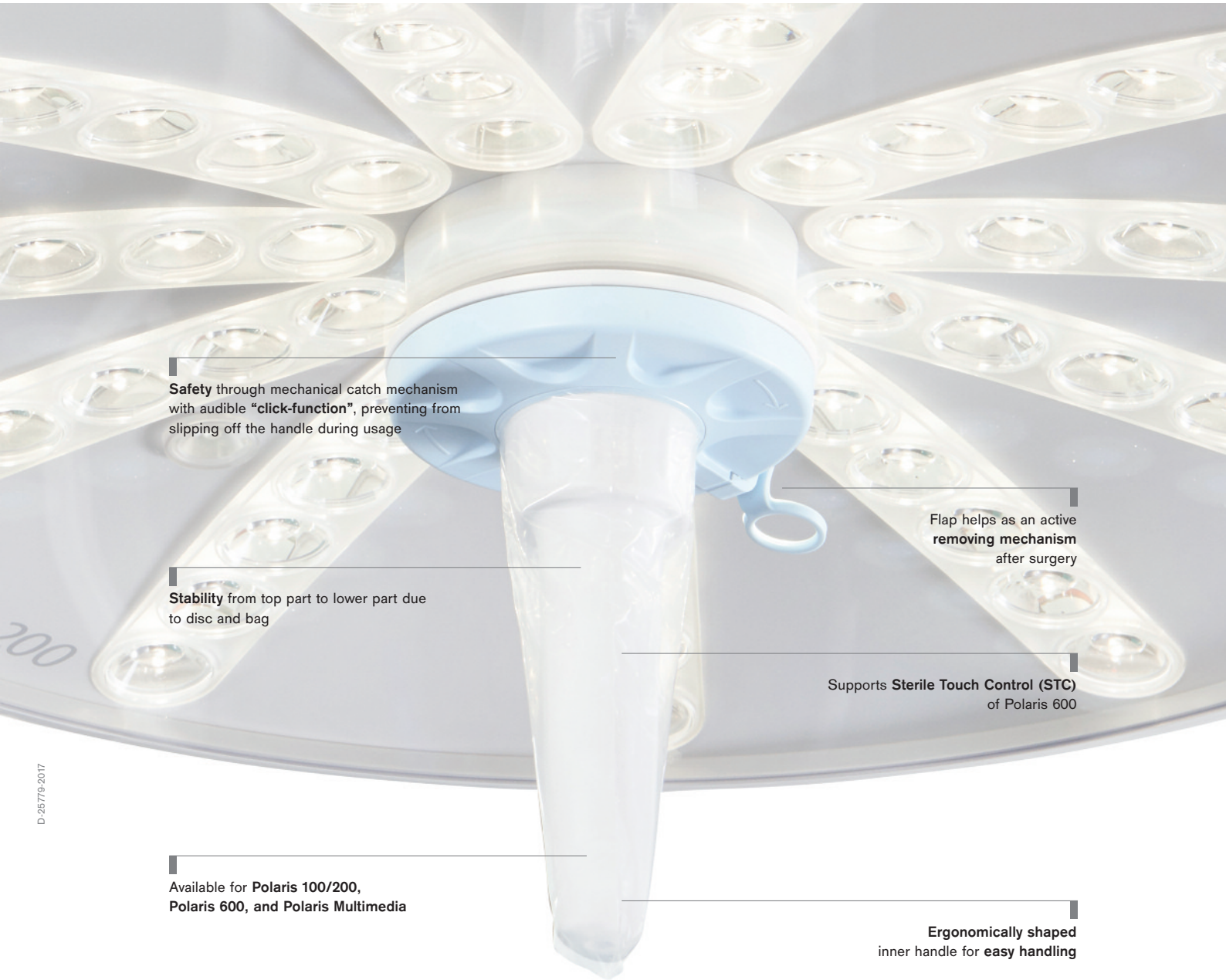
Our sterile disposable Polaris handle follows the same principle as our sterilisable handle. The disposable Polaris handle is easy to mount and remove, and allows you all the functions of STC on the handle as well as comparable ease of use with the sterilisable version.



D-17522-2014



D-17522-2014



Safety through mechanical catch mechanism with audible “click-function”, preventing from slipping off the handle during usage

Stability from top part to lower part due to disc and bag

Flap helps as an active removing mechanism after surgery

Supports **Sterile Touch Control (STC)** of Polaris 600

Available for **Polaris 100/200, Polaris 600, and Polaris Multimedia**

Ergonomically shaped inner handle for easy handling

»Workplace design – first time right«

DRÄGER DESIGN CENTRES AND SHOWROOMS

In our Dräger Design Centres and showrooms, users and planners can work together with Dräger experts to plan and design their acute medical workplaces under realistic conditions.



3D PLANNING TOOL

The 3D planning software developed by Dräger visualises abstract and technical content. Rooms and room elements such as doors and windows can easily be repositioned and resized.



MAKE AN APPOINTMENT TODAY

If you would like to know more or have any questions about the Dräger Design Centre or Dräger showrooms, simply contact your Dräger representative to arrange a visit or make an appointment.



»Dräger Service – you can depend on us«

BECAUSE EVERY MINUTE COUNTS

Dräger guarantees fast response times to your service requests. And you don't have to wait long for spare parts, either: for Dräger technicians and customers, all parts are always available at short notice.

THE BEST SERVICE IS THE ONE YOU DON'T NEED

As the manufacturer, we know every aspect of the functionality, specific design and technical specifications of our surgical lights. This enables us to replace maintenance and spare parts in good time in order to ensure that the equipment does not fail unexpectedly.

GUARANTEED QUALITY

With Dräger you can be sure that all prescribed quality standards are complied with. Our quality management system is certified according to DIN ISO 9000 et seq. & ISO 13485, our environmental management system according to DIN ISO 14001.

ALWAYS ON HAND

Our comprehensive service network includes about 1,600 certified medical technicians in 190 countries. This is your guarantee that we can respond quickly to your needs – online, by telephone or directly on site.

THE RIGHT TECHNOLOGY FOR EVERY APPLICATION

Dräger service technicians can maintain and repair Dräger devices quickly, simply, economically, and safely because they know the devices' functions best and have access to the manufacturer's know-how on each individual OR light system.

NOTES



A series of horizontal lines for taking notes, consisting of 20 evenly spaced lines.

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany

www.draeger.com

Manufacturer:

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany

Locate your Regional Sales
Representative at:
www.draeger.com/contact



REGION DACH

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Drägerwerk AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA / PACIFIC

Dräger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.
59 East Street, Nuevo Paitilla,
House 30, San Francisco Town
Panama City, Panama
Tel +507 377 9100
Fax +507 377 9130
servicioalcliente@draeger.com