MENTOR®

Lighting Solutions
for modern medical technology and healthcare applications







Version 1

Make the invisible visible. Support safety. Improve usability.

MENTOR develops high-quality lighting solutions for demanding applications in medical technology. Our components support the safe operation of medical devices, improve user guidance and enable reliable visualisation of operating and status information. From diagnostic and analysis devices to patient monitoring and therapy systems: our lighting solutions help make complex technologies intuitive and safe to use.

For the highest hygiene requirements

Medical devices must be permanently reliable and able to withstand regular cleaning and disinfection processes. That's why we prioritise the use of polyamide (PA) and polypropylene (PP), which offer outstanding chemical resistance and are particularly well-suited to demanding healthcare applications.

Precise light guidance

Clear visual feedback supports users with the safe operation of medical systems. Our lighting solutions ensure homogeneous light distribution, clear status indicators and optimal perception of important information.

Developed for your application

All medical applications have individual requirements in terms of function, design for a high-quality look and integration. MENTOR develops individual lighting solutions that blend seamlessly into existing device concepts and meet both technical and ergonomic requirements.

Quality for continuous operation

Medical technology devices must work reliably for many years. Our components are developed for high durability, long-term availability and consistently high quality. Certain solutions are available with an IP68 protection rating and are therefore also suitable for applications with high sealing requirements, as well as regular cleaning and disinfection processes.





Areas of application

Diagnostics

Lighting solutions for analysis and diagnostic systems support the clear visualisation of operating states, measurement results and user information.



Laboratory and analysis technology

Precise light guidance and reliable status indicators make it easier to operate modern laboratory equipment and automated analysis systems.



Patient monitoring

Optical display elements support the rapid registration of relevant information and contribute to reliable patient monitoring.



Therapy and medical devices

Individual lighting solutions improve user guidance and enable intuitive operation of complex medical systems.



Our medical technology solutions

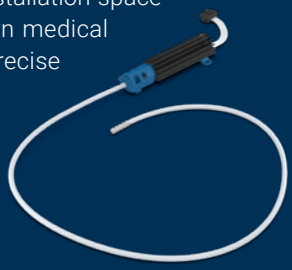
Light guide IP68

Precise light guidance for status and function displays in medical devices. Our IP68-enabled light guides ensure reliable signal transmission and are suitable for applications with high requirements in terms of tightness, hygiene and durability.



Side light fibre M-Fibre

M-Fibre enables particularly homogeneous light distribution, even when geometries are complex and installation space is tight. The technology is ideal for modern medical devices in which a high-quality look and precise light guidance are equally important.



Individual lighting solutions

From the first concept idea to series production – MENTOR develops individual lighting solutions for medical technology. We combine functionality, design and optimal user guidance to create a holistic system concept.

More information on the products in our e-catalogue:

Proven in use

Metrum Cryoflex develops innovative systems for cryo-surgery and minimally invasive treatments.

MENTOR supports Metrum Cryoflex with lighting solutions that are seamlessly integrated into the device architecture. The M-Fibre used highlights Metrum Cryoflex's corporate identity and stylishly proves that even medical products can meet high design standards.



Metrum Cryoflex, Warsaw

MENTOR GmbH & Co.
Präzisions-Bauteile KG

Otto-Hahn-Straße 1
D - 40699 Erkrath

Tel. +49 211 20002-0
Fax +49 211 20002-41
info@mentor.de.com

www.mentor.de.com

Your Contact

Marcel Kürten
Head of International Sales

Tel. +49 211 20002-250
Fax +49 211 20002-41

marcel.kuerten@mentor.de.com

HEA1 (0) EN X0000.0000 C 2026-D