Clinical Diagnostics

Lighting and Imaging Solutions
SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics. With more than 130 years of outstanding development, materials and technology expertise we offer a broad portfolio of high-quality products and intelligent solutions that contribute to our customers’ success.

For more than 50 years, SCHOTT has been doing pioneering work in the fields of light and image transmission. Using our solutions, our partners enable medical experts to see more. More of what’s relevant for their diagnoses. Working hand in hand, we reach our common goal – to support laboratory doctors and medical staff in their everyday work.
In order to conduct tests that require precision lighting, modern laboratories rely on robust lighting systems especially with fiber optics and various light sources within clinical diagnostic instruments.

**You are looking for:**
- Accurate and reliable results of probes
- Stable and ideal optical performance
- Large variety of wavelengths
- High mechanical and design flexibility
- Fast development support
- High quality from a reliable supplier
- No downtime (24h/365d operations)

We at SCHOTT understand your needs – choose our expertise in lighting solutions!
Combining customers’ ideas with our knowledge

Ranging from light sources and fibers to mechanical and optical components, we offer you a one-stop shop.

SCHOTT’s leading edge components add versatility to analytical instruments which contribute to technological advances in diagnostics. For example, our multi-leg light guide subassemblies increase throughput by scanning multiple samples in clinical analysis devices, thus replacing traditional free space optics. Custom light sources including LED, halogen or hybrid systems are optimized for cost and performance.

By combining our knowledge with our customers’ ideas, we derive innovative products based on a complete optical design analysis.

To help. To see. Together.

Our product portfolio:
- Light sources
- Light guides
- Optical components
- Optical design

Light sources  Various fiber types  Light guides  Optical components
SCHOTT light sources are equipped with high quality LEDs. However, as well known, LEDs lose light intensity and suffer color shift over time. Our solution to this problem is to measure and control the light output of each and every single LED constantly when operative.

SCHOTT’s unique sensor technology provides perfect light performance by delivering online regulating over the entire lifetime without recalibrations. It enables users to individualize the performance while maintaining the light’s integrity.

Main benefits for analyses:
• Constant and long-lasting light intensity
• No color shift
• Low need for maintenance

Quality is part of our DNA

When it comes to quality, we don’t compromise.
Let’s help to see more

Our solutions serve customers in many industries to meet their challenges – today and tomorrow.

Using our long-term experience in the medical industry, we enable our customers to develop reliable solutions for a better life – with consistent quality and in full compliance with relevant standards and regulations.

As a result of extensive knowledge we offer specialized products and services, representing the highest level of performance and supply reliability. With a global network of experts, SCHOTT is able to provide and support products and services based on the close proximity to its customers.

We provide:
- Long-term experience in the medical industry
- Extensive illumination know-how
- ISO quality management
- Global network of experts
- Highest level of supply reliability