

D 263[®] M

Setting the benchmark for automated coverslipping

Engineered for the future of microscopy, SCHOTT D 263[®] M meets the rigorous demands of modern automated coverslipping systems. The premium borosilicate glass offers unmatched performance in microscopic preparation, setting new standards for high-throughput laboratory environments.



Non-sticky coating



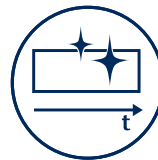
Exceptional flatness



High bending strength



Superior scratch resistance



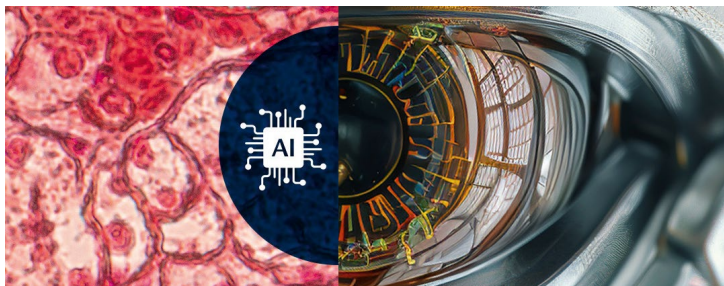
Long-term durability



Haze-free imaging

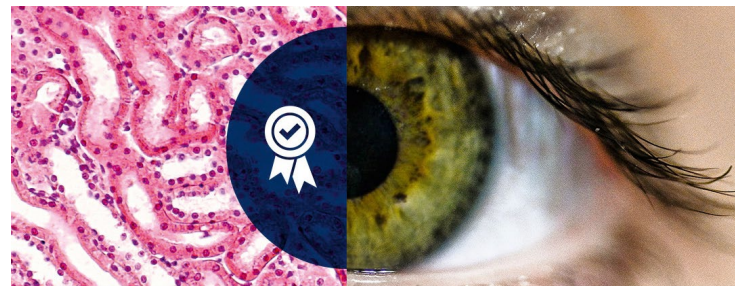


Low auto-fluorescence



Engineered for AI-driven automation

The quality of primary data is crucial for the success of AI-supported analysis systems. The highly crystalline composition of D 263[®] M reduces signal interference and background anomalies, providing clean, unbiased data for AI algorithms. This enhancement allows for more robust data interpretation and bolsters the accuracy of automated analyses, thereby elevating laboratory productivity.



ISO 8255-1 compliant

D 263[®] M ensures a consistent thickness, crucial for precise, error-free operation of automated coverslippers. The uniform light refraction of the cover glass and its low light scattering further reduce optical distortion. These properties make D 263[®] M exceptionally reliable and efficient in various laboratory applications, particularly in high-resolution microscopy.

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D 263[®] M

Technical advantages for automated coverslipping

SCHOTT D 263[®] M is a first-class cover glass for modern laboratories that rely on automated coverslip systems. Its unique combination of chemical and optical properties ensures immediate readiness for use in automated coverslipping and streamlines the entire application process, facilitating precise, reliable, and efficient microscopic sample preparation.



Dimensional precision and reliability

SCHOTT D 263[®] M cover glass is characterized by its dimensional accuracy, ensuring stable process – crucial for maintaining a fast-paced laboratory operation.



Enhanced safety and throughput

The robust design of D 263[®] M provides high bending strength, significantly reducing the risk and downtime associated with glass breakages. As a result, it not only enhances the safety of laboratory personnel but also guarantees consistent throughput.



Improved laboratory operations

Featuring a non sticky coating and the resistance to aging, D 263[®] M supports a stable and efficient automated coverslipping process. Its long lasting durability and performance provide reliable results, even after extended storage periods, making an invaluable asset for precise pathological research.



High-quality imaging

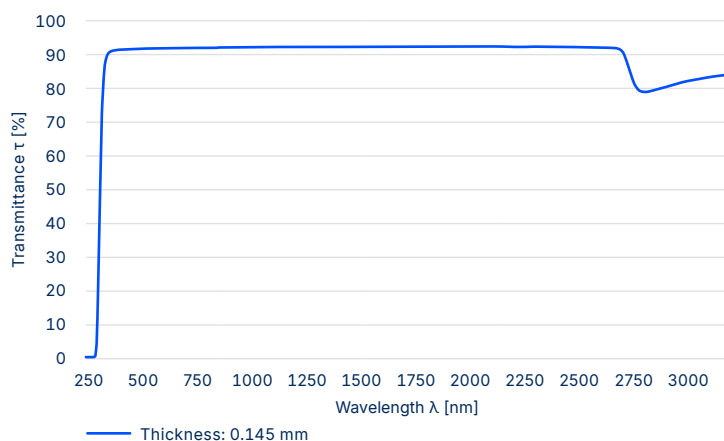
D 263[®] M stands for superior luminous transmittance and minimal autofluorescence, enabling high-quality imaging without color distortions. These characteristics are essential for accurate diagnostics and high-resolution microscopy, supporting critical scientific research and analysis.

Chemical properties

Hydrolytic resistance (acc. to DIN ISO 719)	Class	HGB 1
Acid resistance (acc. to DIN 12116)	Class	S 3
Alkali resistance (acc. to DIN ISO 695)	Class	A 2

Parameter	ISO 8255-1 Requirement	SCHOTT D 263 [®] M
Refractive index n_e	1.5255 ± 0.0015	1.5255 ± 0.0015
Abbe value v_e	56 (± 2)	55
Thickness [mm]	0.17 (No. 1) <small>(+ 0; - 0.04)</small>	0.145 ± 0.015

Transmission



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