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## **SCHOTT Technical Glass Solutions introduces Nexterion<sup>®</sup> MTP-NC96**

Nitrocellulose-coated 96-well Microplate for parallel  
Analysis of Multiplexed Assays

*SCHOTT TGS, Jena, Germany, 2010-10-27 -*

SCHOTT has added a 96-well nitrocellulose-coated microplate to its extensive line of „Nexterion“ microarray substrates. The product combines nitrocellulose, the surface of choice for protein microarrays, with the high-throughput 96-well microplate format; making automated parallel assays a reality. The MTP-NC96 conforms to the SBS standard microplate format commonly used for high-throughput screening and biomarker discovery. SCHOTT's innovative two-component system allows users to array many types of probes on a flat, planar surface, and then create a 96-well microplate post-printing. The nitrocellulose is manufactured using an advanced casting method, producing a highly reproducible surface with an identical performance to SCHOTT's successful range of nitrocellulose-coated slides. The „Nexterion“ MTP-NC96 is available in two formats either one large single pad (105 x 69 mm usable area) plate, or ninety-six (6 x 6 mm) pads.

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Alistair Rees, SCHOTT's Microarray product manager commented "We have had many customer requests for a nitrocellulose-coated product that is suitable for automated high throughput processing. The large single pad microplate format has opened up many interesting applications beyond low density protein microarrays, such as large scale MicroSpot ELISA and Micro-Western blots."

The „Nexterion“ MTP-NC96 range was launched at the Microarray World Congress, San Diego, CA on 28 October 2010.

31 lines @ 50 characters

For more information please visit:

<http://www.schott.com/nexterion>

### **About SCHOTT**

*SCHOTT is an international technology group that sees its core purpose as the lasting improvement of living and working conditions. To this end, the company has been developing special materials, components and systems for 125 years. The main areas of focus are the household appliances industry, pharmaceuticals, solar energy, electronics, optics and the automotive industry. The SCHOTT Group is present in close proximity to its customers with production and sales companies in all its major markets. The Group's approximately 17,300 employees generated worldwide sales of approximately 2.2 billion Euros in the fiscal year 2007/2008. The company's technological and economic expertise is closely linked with its social and ecological responsibility. The SCHOTT AG is an affiliate of the Carl-Zeiss-Stiftung (Foundation).*

*The core competence of SCHOTT Technical Glass Solutions (TGS) lies in the development, production and processing of highly stable and extremely thermal-resistant special glass. The product portfolio includes floated and rolled borosilicate glass for a wide variety of applications from fire protection, optics, medical technology and photovoltaics through to lithium-aluminosilicate and aluminosilicate glass for new*

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## PRESS INFORMATION

# SCHOTT

markets in the electronic industry and transport technology. „Borofloat“ „Pyran“ and „Nexterion“ are examples of SCHOTT TGS brands.

The product group Microarray Solutions at SCHOTT TGS is specialized in high quality biofunctionalized glass for various applications in research and diagnostics. The standard products cover a wide range of coated and uncoated glass substrates for DNA and protein microarraying under the brand „Nexterion“. To meet tomorrow's needs in genomic and proteomic research SCHOTT also offers the development of customized glass based solutions, starting from feasibility tests to scale up production or technology transfer. SCHOTT is committed to ensuring one of the most important prerequisites in science: reproducibility.

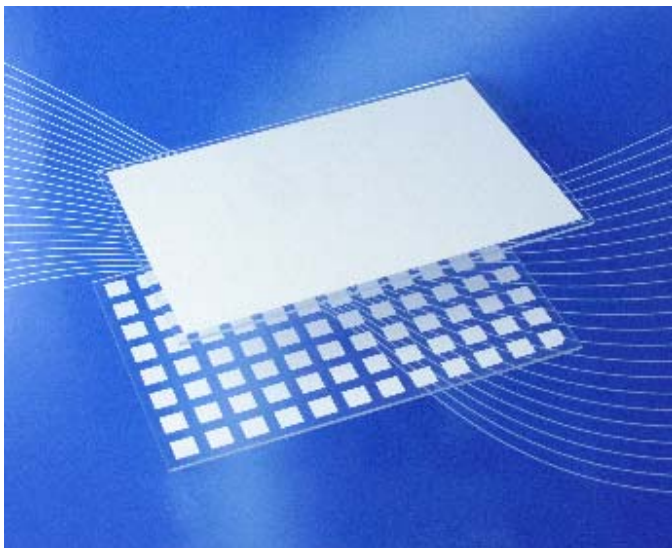
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<http://nexterion.schott-pictures.net/presskit/77853.schott-nexterion@mtp-nc96>

*SCHOTT „Nexterion“ nitrocellulose coated microarray plates in MTP format*



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