

**Press releases for Arab Lab 2018**

Spectrophotometer *NANOCOLOR<sup>®</sup> UV/VIS II* from MACHEREY-NAGEL

The *NANOCOLOR<sup>®</sup> UV/VIS II* is a high-precision measurement instruments applicable in all areas of water and wastewater analysis. MACHEREY-NAGEL revolutionizes the daily laboratory work with this spectrophotometer, combining a premium high-tech instrument with outstanding usability. With its intuitive, icon-based menu guidance, this innovative photometer can be used like a smartphone or tablet. The clearly arranged, high-resolution touch screen display makes your daily measurement routine a real pleasure.



**Medi-Test URYXXON<sup>®</sup> 500** from MACHEREY-NAGEL

The URYXXON<sup>®</sup> 500 is able to reliably and safely analyze up to 400 urine test strips per hour and is the logical further development of our classic URYXXON<sup>®</sup> 300. The URYXXON<sup>®</sup> 500 impresses with intuitive user guidance and a modern touch screen, which makes navigating the clearly structured menus very easy. The high-precision optics provide accurate results anytime, irrespective of the subjectivity of visual color interpretation. Please visit our homepage to learn more about our URYXXON<sup>®</sup> 500!



## Photometer *NANOCOLOR*<sup>®</sup> PF-12<sup>Plus</sup> from MACHEREY-NAGEL

The *NANOCOLOR*<sup>®</sup> PF-12<sup>Plus</sup> Photometer is a device tailored for the mobile analysis. The icon-based menu guidance and clear taskbar make the PF-12<sup>Plus</sup> an easy to use photometer for all fields of water and waste water analysis without the need for extensive training. The device comes in a rugged case equipped with useful accessories and is therefore particularly popular with users for the direct analysis at the point of interest. With its especially positioned 860 nm LED the PF-12<sup>Plus</sup> enables nephelometric turbidity measurements (NTU) in the range of 1-1000 NTU. Therefore, disturbing turbidities will be detected reliably in parallel to a measurement of our *NANOCOLOR*<sup>®</sup> tube tests.



## Spectrophotometer *NANOCOLOR*<sup>®</sup> VIS II from MACHEREY-NAGEL

With the new *NANOCOLOR*<sup>®</sup> VIS II Spectrophotometer from MACHEREY-NAGEL, powerful performance meets a fantastic user experience. It is designed to deliver more safety and accuracy when analyzing the most important substance in the world – our water. The *NANOCOLOR*<sup>®</sup> VIS II spectrophotometer impresses with high-class technology and optics. As comprehensive spectrophotometer, the *NANOCOLOR*<sup>®</sup> VIS II meets all requirements of your daily laboratory work.



## CHROMABOND® HLB

The new hydrophilic-lipophilic balanced polymeric SPE adsorbent CHROMABOND® HLB from MACHEREY-NAGEL (hall A2, booth 318) is specially designed for the enrichment of hydrophilic analytes (e.g., pesticides and pharmaceuticals) from polar matrices like water, blood serum or food. Linked hydrophilic groups of the HLB copolymer interact with polar functional groups of the analytes, while the lipophilic backbone interacts with nonpolar hydrocarbon residues to provide enhanced retention.

Further information at: <http://www.mn-net.com/HLB>



## CHROMABOND® Flash Sphere SiOH

For sophisticated preparative separations MACHEREY-NAGEL (hall A2, booth 318) now offers its new CHROMABOND® Flash RS Sphere SiOH series. These Flash cartridges can be used with common Flash systems and are packed with ultra-pure spherical silica gel (particle size 15 and 25 µm, respectively) with high specific surface area. These characteristics provide superior resolution and loading capacity over conventional Flash cartridges.

Further information at: <http://www.mn-net.com/flash>



## NUCLEODUR® $\pi^2$

MACHEREY-NAGEL (hall A2, booth 318) offers NUCLEODUR®  $\pi^2$  now also with particle size of 3  $\mu\text{m}$  and 1.8  $\mu\text{m}$ . The separation mode of the biphenylpropyl modified silica is based on  $\pi$ - $\pi$  and hydrophobic interactions and offers alternative selectivity compared to classical C18 phases. Thus, NUCLEODUR®  $\pi^2$  columns are especially recommended for sophisticated separations of aromatic and unsaturated compounds.

Application notes for antibiotics, dyes, steroids, anthocyanins, pesticides, biozides, isothiazolinones and PAHs can be found in the MN application database ([www.mn-net.com/apps](http://www.mn-net.com/apps)).

Further information at: <http://www.mn-net.com/tabid/12807>



## NUCLEOSHELL® Bluebird RP 18

The core-shell product range of MACHEREY-NAGEL (hall A2, booth 318) has been extended by NUCLEOSHELL® Bluebird RP 18. Due to a polar endcapping and core-shell technology NUCLEOSHELL® Bluebird RP 18 can be used for fast analyses under highly aqueous conditions, especially for very polar analytes.

Application notes for antibiotics, THC and derivatives, pesticides, water soluble vitamins, organic acids and sweeteners can be found in the MN application database ([www.mn-net.com/apps](http://www.mn-net.com/apps)).

*Remark: product launch beginning of 2018*

