

Press Release

A-GB-12002

22 March 2012

analytica 2012, novelties and anniversaries
New systems and combinations for chromatography,
TOC and particle measurement technology

New online TOC with extended applications /
Anniversaries in UV-VIS-NIR and FTIR spectroscopy /
eco-labeled systems support environmental protection and cost
reduction

Shimadzu, one of the worldwide leading manufacturers in analytical instrumentation, will present new developments in various application areas during analytica 2012 in Munich, Germany. Shimadzu's LC, GC, MS and TOC systems as well as its particle measurement technology emphasize the company's innovative strengths to constantly extend technological borders. From 17 to 20 April 2012, German premieres and latest developments are on display in **hall A1, stand 401/502**. In addition, FTIR spectroscopy is celebrating its 55th birthday and UV-VIS-NIR spectroscopy its 60th anniversary – e.g. with the UV-2700 scanning spectrophotometer series.

- **German premieres** – the new TOC-4200 online analyzer series offers connections to bidirectional communication networks and a web-based monitoring function. Numerous kits ensure extended applications.
- **Energy miracle** – Shimadzu's instruments increasingly meet the strict requirements of the company's eco label. In addition, at least 25% energy savings compared to predecessor models reduce operating costs (for instance *Nexera* MP and TOC-L)

- **Comprehensive polymer analysis** – in collaboration with the company Frontier Lab, Shimadzu offers a versatile tool for the comprehensive analysis of polymer samples. The pyrolyzer completes the GCMS-QP2010 quadrupole series.
- **Multitalent in particle measurement technology** – The SALD-2201 combines wide measuring ranges with high flexibility, particularly in the upper micrometer to lower nanometer range.
- **Anniversaries** – for its 60th anniversary in UV-VIS-NIR spectroscopy, Shimadzu as the market leader in this technology presents the new UV-2700 scanning spectrophotometer series. For the first time, the in-house developed optics will be on display. In addition, FTIR spectroscopy celebrates its 55th birthday.
- **Highest flexibility** – the technologically leading chromatographs can be applied in a flexible way in LC, LC/MS and LC/MS/MS analyses.

Additional exhibition highlights 2012

- **Instruments in operation in the Live Lab**
 - Performance and precision of the *Nexera* MP UHPLC system in food and water analysis. Hall B2
 - Separation efficiency, reproducibility and efficiency of the microchip-based MultiNa electrophoresis system in forensics and clinical diagnosis. Hall A3
- 17 – 19 April, daily at 10:30 am, 1:00 pm and 3:30 pm
- **Shimadzu + you** – professional perspectives at Shimadzu for newcomers, career switchers and professionals. Job Day, 20 April, hall B2.



Image 1: premiere in Germany: the new online TOC-4200 analyzer.



Image 2: Instruments awarded with Shimadzu's eco-label save at least 25% of energy compared to predecessor models while reducing operating costs (for instance Nexera MP and TOC-L)



Image 3: versatile tool for the comprehensive analysis of polymer samples: the 3030 D/S pyrolyzer.



Image 4: Multitalent in particle measurement technology: SALD-2201.



Image 5: UV/IR anniversary seal and UV-2700 - a new series of scanning spectrophotometers ensures high-precision analysis of a wide range of samples.



Image 6: Leading chromatographic technology is the heart of Shimadzu's systems, in this case the fastest Tandem-Quadrupole LCMS-8030.

For further editorial questions, please contact:
Uta Steeger, Shimadzu Europa GmbH, Albert-Hahn-Str. 6-10, 47269 Duisburg
Tel.: +49 (0) 203-7687-410, e-mail: us@shimadzu.eu

Additional information is available on Shimadzu's website: www.shimadzu.eu

Download is possible via <http://shimadzu.eu/press>

Follow us on twitter: <http://twitter.com/ShimadzuEurope>