

PRESS RELEASE

“ORLANDO, WE HAVE A SOLUTION”

NLISIS finds optimum way to put a round peg in a square hole Plug & play docking system guides GC Column into the injector and detector

ORLANDO, 2 MARCH 2010 – At PittCon today NLISIS Chromatography announced the semi-automatic Meltfit Column Guide, allowing analysts to plug GC columns into the injector and detector. The Meltfit Column Guide is a universal docking system, suitable for all regular GC systems and GC columns in the market. When using the Column Guide, analysts can stop using dedicated GC’s in their labs for specific applications. With the new docking system inside, any GC can be used for any application. Switching GC columns has become a matter of plug and play.

Wil van Egmond, CEO of NLISIS Chromatography has great expectations of this first major extension of the user-friendly Meltfit technology: “Currently the installation of GC columns to the injector or detector is done manually. There is no standard procedure for analysts to ensure correct installation. Installing a column is a specialist, time consuming and uncomfortable task with a high failure rate. With the introduction of the Meltfit Column Guide, we have resolved yet another obstacle in the performance of easy, swift and secure GC analyses.”

The docking system is fixed permanently into the GC oven, ready to guide column ends into the injector and detector interfaces. The column is stored into a Meltfit Column Hold, an open cassette structure, that can be prepared outside the GC. The ends of the column are fitted out with a Meltfit Tube and a special connector, with the shape of bullet. Next, the Meltfit Column Hold is positioned on a support in the Meltfit Column Guide. Finally, the column ‘bullets’ are inserted into the injector and detector by gently moving a lever and a clamp. The Meltfit Column Guide and Column Hold have been constructed in such a way, that leakage or cold spots are prevented completely.

The Meltfit Column Hold is compatible with all brands, types and sizes of available capillary columns. In addition, the Meltfit Column Guide can be built into any commercial GC in the laboratory for interfacing with the most common commercial injector and detector systems. The connecting ‘bullet’ is backwards compatible with the Meltfit One tool.

NLISIS Chromatography (to be pronounced as ‘analysis’) was established in 2006 and is based in Geleen, the Netherlands. In 2008 NLISIS launched the Meltfit One, an award winning breakthrough in coupling capillary columns. Since 2009, NLISIS Chromatography has a close partnership with DSM Resolve, a 100-strong service unit of Dutch-based Royal DSM N.V. Both companies are dedicated to improving the effectiveness of GC-technology. The partners intend to achieve their mission by developing flexible, stable and user-friendly solutions. From the beginning DSM Resolve has been involved as a lead user in the development of this technology.

**For more information, downloads and illustrations
about the new Melfit Column Guide and NLISIS Chromatography:**

Please visit our booth 731 at PittCon, our website at www.nlisis.com
or contact our spokeswoman Linda Knapen - van Egmond by email linda@nlisis.com
and telephone.: +316-51690916

NLISIS Chromatography and Melfit are registered trademarks.