

Press Release: New: 886 Professional Reactor for improved optical absorption detection

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Metrohm presents the 886 Professional Reactor, a rugged and versatile flow-through reactor for fully automatic pre- and post-column derivatizations. The new reactor enables single- or multi-step derivatizations at any temperature between 25...120 °C. The system features a variable reactor geometry allowing to adjust the reactor residence time of the reactants according to derivatization kinetics.

The new reactor facilitates post-column chemistry for any liquid chromatography system. Methods can be developed and optimized in terms of reagent concentration, flow rates and reactor residence time of the resulting mixture. Key benefits of the 886 Professional Reactor are:



- broad application range
- high derivatization yields
- suitability for complex matrices
- derivatizations at high temperatures
- traceability of results due to chip-based intelligence

The flexibility of the new reactor has been demonstrated by optimizing four widespread post-column techniques: the relatively slow ninhydrin reaction with amino acids and the fast derivatizations of silicate, bromate and chromate(VI). Further details are provided in a technical poster.

Visit www.metrohm.ie for more information or contact 01 450 9616

For more information on this press release please contact the Marketing Department at Metrohm Ireland Ltd.

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Note to Editors:

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