

MEP Instruments Media Release

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CAMAG LINOMAT 5 - New TLC Sample Applicator



Camag Linomat 5

Sample application is the first step of planar chromatography and thus determines the quality of the analysis.

The LINOMAT 5 is the latest development in the long line of CAMAG sample applicators using the spray-on technique in qualitative, quantitative and preparative planar chromatography. The new LINOMAT combines ease of operation with precision and reliability in a computer-controlled environment.

The LINOMAT 5 sprays samples onto TLC/HPTLC layers, preferably in the form of bands of selectable length, but when so desired also as spots. The spray-on technique enables larger sample volumes to be applied to the layer than contact transfer. Narrow bands as starting zones ensure the highest resolution attainable with the planar chromatographic system selected.

The instrument is fully controllable through the winCATS — Planar Chromatography Manager software. Number of tracks, band length, application volume, sequence, X positions on the plate as well as track distance can be comfortably selected in winCATS and saved as application methods. The instrument applies the samples onto TLC/HPTLC layers automatically, only

changing the sample ie. filling and rinsing the syringe is done manually.

Meeting demands of customers who employ spray-on sample application only occasionally, the Linomat 5 can also be offered for stand-alone operation. Up to 10 application methods can be loaded from a winCATS host PC or manually programmed via the instrument keyboard and stored internally.

The CAMAG LINOMAT 5 in brief

- Accurate and reproducible
- Fast and reliable
- Easy handling
- Spray-on application of spots or bands including overspotting
- Self-adjusting object support for all types of layers including sheets
- Operation by the winCATS — Planar Chromatography Manager software or in stand-alone mode via the instrument keyboard
- IQ/OQ qualification for use in a GMP/GLP environment

MEP Instruments is sole distributor of leading names in sample analysis technology in Australia and New Zealand. The joint venture company formed by Metrohm Switzerland and Anton Paar Austria provides comprehensive service, support and training for the whole product line of Metrohm, Anton Paar, Autolab, Camag, Ismatec, Physica and Retsch in Australia and New Zealand.

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