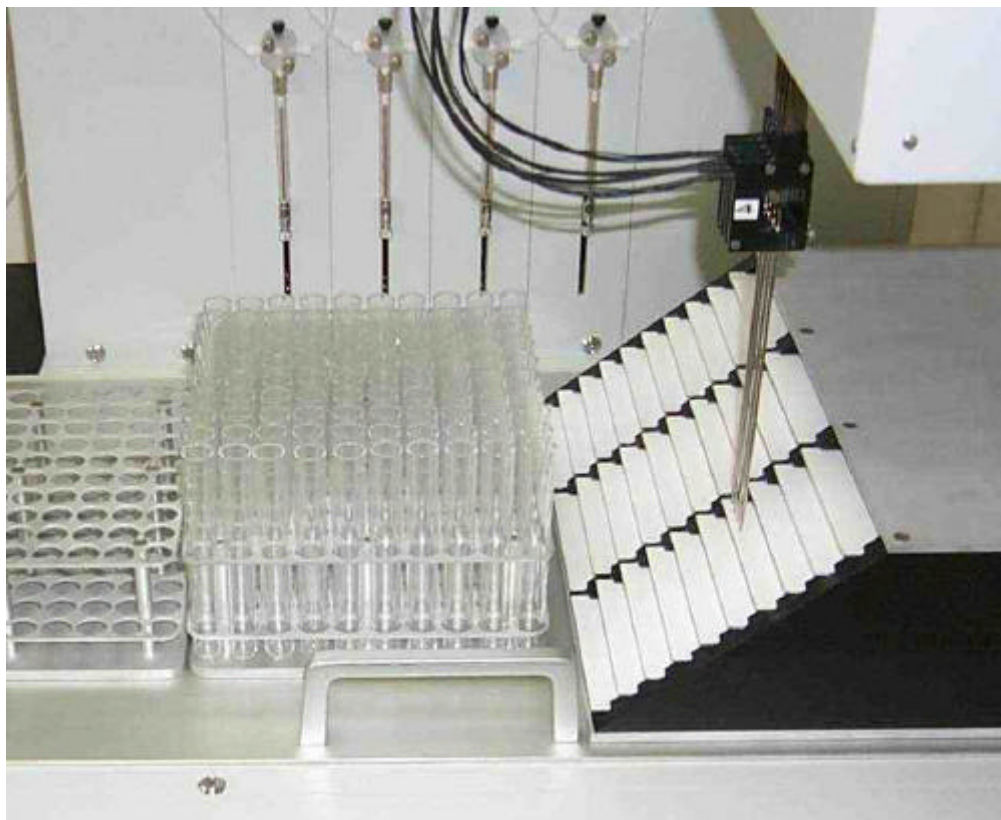# ZINSSER ANALYTIC

LISSY-TLC
Thin Layer Chromatogramms - automatic spotting

Thin-layer chromatography is still a well established technology. It delivers fast and reasonable results. With thin-layer chromatography it is possible to do a pre-selection from the products of interest, which can then be examined further with separation techniques like HPLC.

With LISSY-TLC, this technique has been successfully automated. LISSY-TLC is based on a proven pipetting robot equipped with special dosing tips, which can precisely plot the sample material with one channel, and with the other channel supply nitrogen.

The thin-layer plates are positioned in stackable racks, each rack holding 6 plates of 16 spots each. This allows the 96-well format to be maintained.

LISSY-TLC is more precise and faster than spotting the samples manually.

The system is supplied with user-friendly WINDOWS NT software using simple "drag & drop" techniques. The

user can design his own protocols and work successfully with the system.

Technical data

Work area:	720 x 290 mm
Sample tips:	4 dosing channels for sample application and simultaneous gas drying
Manifold:	specially designed manifold and valve for gas supply, including relay and controls
Equipment:	4 high precision diluters 1 TLC-rack for 6 TLC-plates of 10 x 10 cm
Dimensions:	900 x 710 x 600 mm
Power requirements:	230/240 Volts, 50/60 Hz