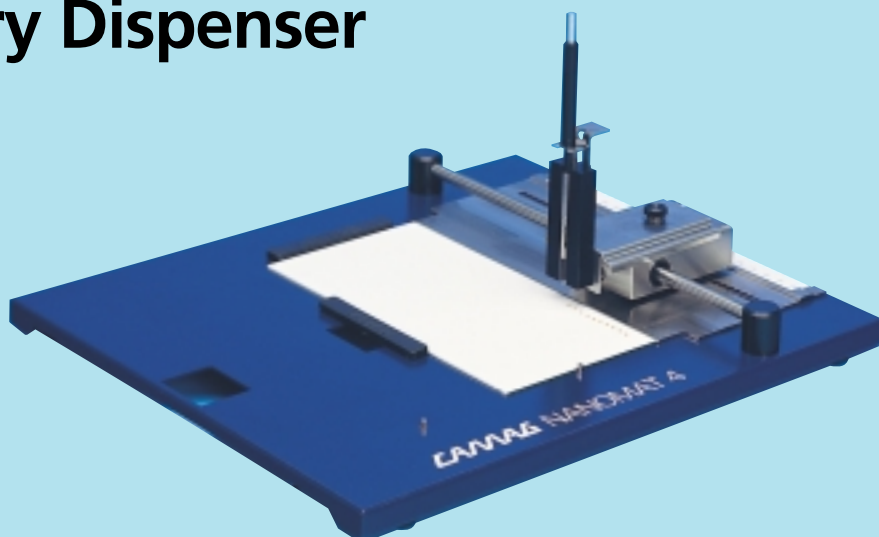




The System CAMAG NANOMAT and Capillary Dispenser



Manual sample application spotwise for quantitative and qualitative Planar Chromatography

ð CAMAG Nanomat 4

The applicator head with attached capillary pipette is lowered onto the layer at the selected position. The capillary touches the layer with a constant pressure which is determined solely by the friction of rest against a permanent magnet.

The CAMAG Nanomat serves for easy application of samples onto TLC and HPTLC plates or sheets, precisely positioned and without damage to the layer.

The actual sample dosage is performed with disposable capillaries which are precisely guided by the Universal Capillary Holder.

The Nanomat is suitable for

- Conventional plates including self-coated plates up to 20×20 cm
- HPTLC plates 10×10 cm and 20×10 cm
- TLC and HPTLC sheets up to 20×20 cm

With the CAMAG Nanomat in combination with the Capillary Dispenser disposable capillaries can be used efficiently and properly for qualitative and quantitative Planar Chromatography

Capillaries are loaded into the holder from dispenser magazines, then filled with sample solution and placed on the applicator head of the Nanomat. Capillary volumes of 0.5, 1, 2 and 5 μL are available. Volume precision is $R \pm 0.25\%$, $CV \pm 0.6\%$.

The System CAMAG NANOMAT and Capillary Dispenser has been revised completely



∅ Capillary Dispenser, Universal Capillary Holder, Dispenser Magazines

- Now the Nanomat 4 is available. It has the same functionality as the previous model, the Nanomat 3, but has a distinctly different appearance. Due to its more efficient production the price could be lowered.
- The Capillary Dispenser has also been re-designed. It is more compact and can be used either mounted onto the Nanomat or individually.
- Dispenser magazines are no longer disposable. They can be conveniently reloaded by the user from belts of 100 capillaries.
- Disposable capillary pipettes on belts are available as packs of 500 (5 belts) in sizes of 0.5, 1, 2, and 5 μL
- The Universal Capillary Holder has not been changed.

Routine use of the Nanomat 4 is much more economical than that of the previous model because dispenser magazines can be reloaded by the user with inexpensive capillaries.

All components of the old and the new system are interchangeable.

Ordering information

022.4730 Nanomat 4, without capillary pipettes and holder

022.7655 Capillary Dispenser, without capillary pipettes and holder

022.7786 Universal Capillary Holder

022.7660 Dispenser Magazine for 0.5 μL capillaries

022.7661 Dispenser Magazine for 1 μL capillaries

022.7662 Dispenser Magazine for 2 μL capillaries

022.7665 Dispenser Magazine for 5 μL capillaries

022.7770 Disposable Capillary Pipettes 0.5 μL , pkg. of 5 \times 100


022.7771 Disposable Capillary Pipettes 1 μL , pkg. of 5 \times 100

022.7772 Disposable Capillary Pipettes 2 μL , pkg. of 5 \times 100

022.7775 Disposable Capillary Pipettes 5 μL , pkg. of 5 \times 100

022.7650 Capillary Dispenser complete with Universal Capillary Holder 022.7786, one Dispenser Magazine for 1 μL capillaries 022.7661 and one package of 5 \times 100 Disposable Capillary Pipettes 1 μL

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