

Spray-on technique: high accuracy and perfectly reproducible sample deposits
Fully automated sample application
Analysis of up to 80 samples
Automatic cleaning of the system
Validatable and reliable
Minimum operating mistakes
Small footprint
Very Silent System
Incl. software for controlling AS30/BS35 and transferring data to CD60 Densitometer
For any TLC/HPTLC plates up to 200 x 200 mm



The association of the BS35 auto-sampler with the AS30 HPTLC applicator offers a set of fully automated sample depositions on TLC plates.

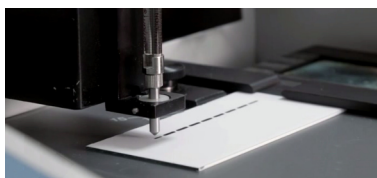
The 2 devices are arranged on and under an acrylic glass rack forming a space-saving unit. A PTFE capillary ensures the connection between the AS30 and the BS35 over a very short distance.

With the HPTLC-Applicator AS30, samples are sprayed onto TLC/HPTLC plates with compressed air flow without contacting the plates. The sample application is carried out automatically, only filling up to 80 vials, the Autosampler BS35 is doing the rest. This is remarkable and time-saving especially when having a high sample-throughput.

The benefit of the spray-on technique for quantitative analysis is the possibility of applying different volumes of same calibration standard instead of equal volumes of different standard concentrations. Even if samples are dissolved in polar solvents such as water, compact and narrow bands are formed.

The special cover with active exhaustion of the aerosols offers for more safety and a clean working atmosphere in the laboratory.

The fully automated HPTLC applicator FAS305 includes 1xAS30, 1xBS35, 1xcover, 1x exhaust hose and 1x acrylic rack.



FAS30

FULLY-AUTOMATED HPTLC SAMPLE APPLICATOR

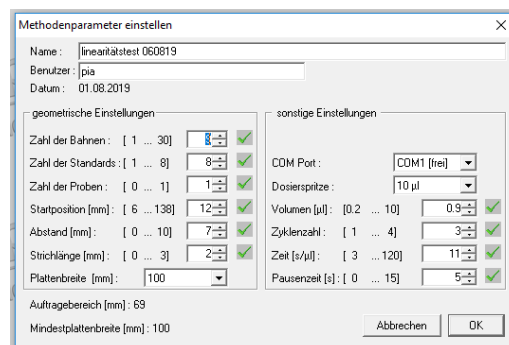
TECHNICAL SPECIFICATIONS

Applicator AS30

| | |
|-------------------------|-------------------------------|
| Plate size: | Up to 200 x 200 mm |
| Path length: | 0 - 100 mm in steps of 0.1 mm |
| Application rate: | 3 - 120 s/ μ L |
| Resolution: | 2000 steps/ μ L |
| Turret movement: | 40 mm/s, 13 steps/mm |
| Necessary air pressure: | 2.5 - 10 bar |
| Dimensions (W x D x H): | 500 x 380 x 180 mm |
| Weight: | 12 kg |

Autosampler BS35

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|---|
| Rack For 80 samples of 1.5 mL |
| Septum piercing By dual needle design |
| Dimensions (W x D x H) 478 x 310 x 210 mm |
| Weight 14 kg |



REFERENCES FOR ORDER

| Reference | Description |
|-------------|---|
| BS130.530-1 | FAS305, HPTLC fully-automatic applicator, 230 V, 10 μ L/25 μ L syringes, incl. Cover, Exhaust hose, acrylic rack and Software |
| BS130.530-2 | FAS305, HPTLC fully-automatic applicator, 230 V, 100 μ L/250 μ L syringes, incl. Cover, Exhaust hose, acrylic rack and Software |
| BS130.530-3 | FAS305, HPTLC fully-automatic applicator, 110 V, 10 μ L/25 μ L syringes, incl. Cover, Exhaust hose, acrylic rack and Software |
| BS130.530-4 | FAS305, HPTLC fully-automatic applicator, 110 V, 100 μ L/250 μ L syringes, incl. Cover, Exhaust hose, acrylic rack and software |
| BS130.540 | Air Compressor, 230 V, extremely silent |
| BS130.541 | Air Compressor, 110 V, extremely silent |
| BS130.525 | Documents: IQ/OQ for semi-automatic applicator AS30 |
| BS130.580 | Filter cardboard 40 x 40, 1 pack of 25 pieces |
| BS130.585 | Activated carbon filter for AS30 protection cover, 1 pack of 5 pieces |

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