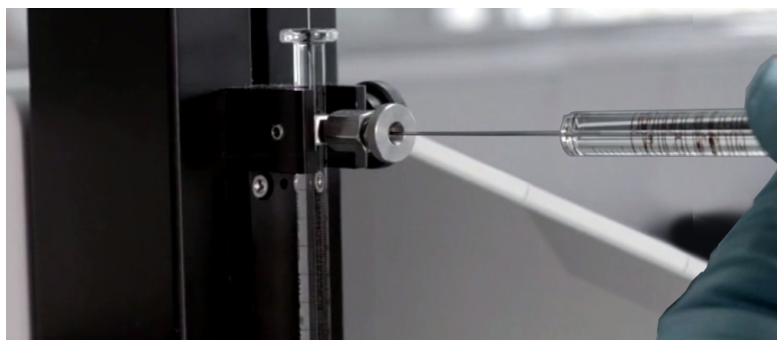


- Spray-on technique: high accuracy and perfectly reproducible sample deposits**
- Dual syringe system: dosing and filling syringe**
- Low sample requirement**
- Application of dots or lines**
- Protective cover prevents external contamination**
- Circuit rinsing before each application**
- Stand-alone or PC-controlled**
- Easy-to-use software, transferring data to Densitometer CD60**
- Holding up to 10 methods**
- Volume spotted on the HPTLC plate: from 0.1 μ l to 1 ml**
- Can be easily upgraded to fully automatic**

The AS30 semi-automatic HPTLC sample applicator, which works according to the spray technique, allows the deposition of substances in lines or dots on HPTLC plates or sheets up to 200 x 200mm, in a fully parameterisable way, thanks to compressed air flow without contacting the plates. The parameters of 10 methods can be programmed and saved with the integrated software. The sample application is carried out automatically, only filling and inserting the syringe is made manually. A dosing syringe is fixed at a movable turret. Therefore, removing and new adjusting of this syringe for every application is not necessary. The AS30 semi-automatic HPTLC applicator is scalable. It can be upgraded to a fully automatic version by simply connecting it to the BS35 auto-sampler



AS30

SEMI-AUTOMATIC HPTLC APPLICATOR

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|-------------------------------|
| Plate size: | Up to 200 x 200 mm |
| Path length: | 0 - 100 mm in steps of 0.1 mm |
| Application rate: | 3 - 120 s/μL |
| Resolution: | 2000 steps/μL |
| 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 |

REFERENCES FOR ORDER

| Reference | Description |
|-------------|---|
| BS130.500 | AS 30, HPTLC-semi-automatic applicator, 230 V, 10 μl/25 μl syringes, incl. Software |
| BS130.500.1 | AS 30, HPTLC-semi-automatic applicator, 230 V, 100 μl/250 μl syringes, incl. Software |
| BS130.501 | AS 30, HPTLC-semi-automatic applicator, 110 V, 10 μl/25 μl syringes, incl. Software |
| BS130.501.1 | AS 30, HPTLC-semi-automatic applicator, 110 V, 100 μl/250 μl syringes, 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 |
| BS130.550 | Dosing syringe 10μl for AS30 |
| BS130.555 | Filling syringe 25μl for AS30 |
| BS130.560 | Dosing syringe 100μl for AS30 |
| BS130.565 | Filling syringe 250μl for AS30 |
| BS130.585 | Activated carbon filter for AS30 protection cover, 1 pack of 5 pieces |

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