

Reference: **BS130.502**

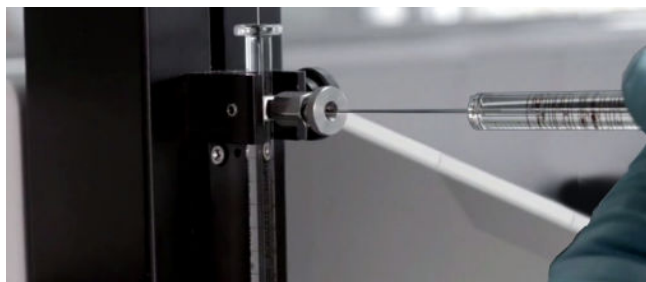
## **HPTLC SPOTTER AS30**

Modular semi-automatic sample applicator for HPTLC analysis



- 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 0.1µl to 1 ml
- Can be easily upgraded to fully automatic
- For any TLC/HPTLC plates up to 200 x 200 mm

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



# SEMI-AUTOMATIC HPTLC APPLICATOR AS30

## 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/ $\mu$ L
Resolution:	2000 steps/ $\mu$ 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

## REFERENCES FOR ORDER

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

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