

SPECIAL DEVICES FOR SELF-PRODUCTION OF TLC PLATES

TLC-PREPARER
Reference: BS120.305C

For the fast and inexpensive production of analytical and preparative layers
For layer thicknesses of 100 – 2000 µm
For TLC plates up to 200x200mm



The TLC plate preparer allows the controlled and uniform application of uniform application of an adsorbent mixture to glass plates.

This makes it possible to produce TLC plates in a simple and economical way

The device consists of 2 modules:

- Adjustable tank
- Preparation table

The adsorbent to be spread is placed in the application tank, the thickness of the layer is adjusted by means of a notched wheel adjustable between 100 and 2000µm.

The TLC plate preparer can accommodate 5 plates 200x200mm , 10 plates 100 x 100 mm or 100 x 200 mm and 20 plates 100x100 mm.

The tank is then moved by the hand handle in the direction of application on the surface of the glass plate to obtain a uniform layer.

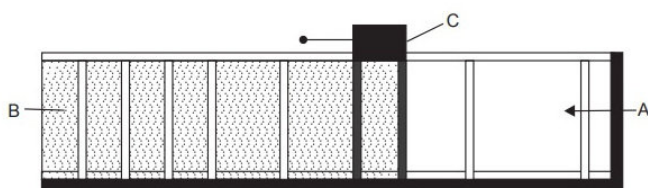
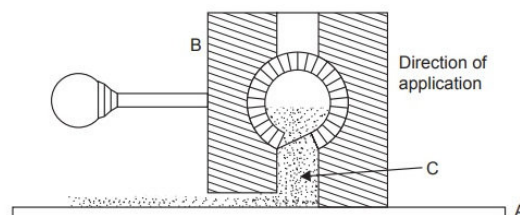


Figure 28.1 (a) Operation of thin layer spreader
(b) Aligning Tray with Glass-slide Partially Coated.



REFERENCES FOR ORDER

- BS120.305C: Complete TLC plate preparer
- BS120.315: TLC spreading table
- BS120.305: Adjustable tank

TECHNICAL SPECIFICATIONS

- Material: Chrome plated brass
- Tank volume: approx. 140ml
- Flow rate: 400 m3/h
- Dimensions: 1135 mm x 220 mm x 65 mm
- Net Weight: 7,9 kg