

# PAPER, SHEETS, FOIL COATING ON ROLLER

## TYPE RCKM-350-B

### GENERAL DESCRIPTION

Laboratory apparatus for coating of resins, paints, lacquers, silicones, etc. on materials such as paper, sheets, plastic, foils non-woven with (approx. A4).

Sample is attached onto rubber covered cylinder, with adjustable rotating speed. (PU covering or other material on request).

Coating can be done by means of interchangeable blade, or drawdown rods (metering rods, Mayer Bar). Blade or drawdown rod is attached onto removable holder.

Pneumatic system with manometer to adjust pressure to move blade or rod against sample on cylinder.

Cylinder transport of cylinder does only work while cover is closed (security sensor). Coating product is dripped onto sample through slot on cover.

„Impulse“ button while cover is open, for manual positioning of sample attached onto cylinder before coating, and sample removal after coating.

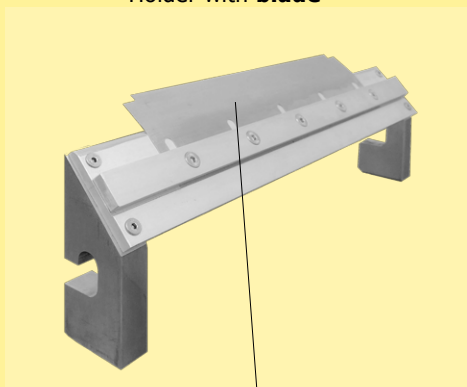
Removable stainless steel tray located under coating cylinder, for easy cleaning.



**TECHNICAL DATA - TYPE RCKM-350-B**

|  |                                |
|--|--------------------------------|
| Maximum coating area with blade            | 260 mm x 297 mm                |
| Maximum coating area with drawdown bar/rod | 290 mm x 297 mm                |
| Speed (sample on cylinder)                 | 1 - 8 m/min                    |
| Application pressure                       | up to 6 bar                    |
| Cylinder covering hardness (PU) *          | 70 - 75 Shore A (* on request) |
| Capacity                                   | 0,3 kW                         |
| Power supply                               | 220V + T                       |
| Dimensions                                 | L 90 x W 80 x H 34 cm          |
| Weight (approx.)                           | 100 kg                         |

Holder with **blade**



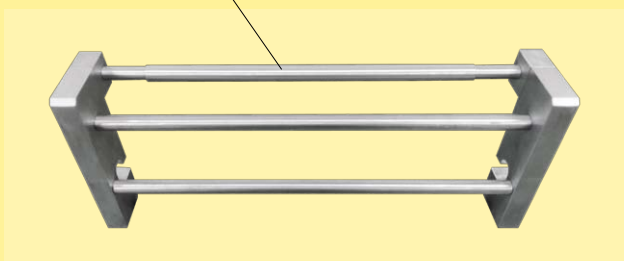
interchangeable blade, with positioning adjustment

Coating product is dripped by pipette onto sample through slot on cover.



blade pressed against sample on cylinder

Holder with drilled **drawdown rod (metering rod, Mayer bar)**, available with different size of drills according to coating amount / thickness:



drilled drawdown bars available :

| bar Nbr. | coating thickness |
|----------|-------------------|
| 0        | 0 (plain bar)     |
| 8        | 0,010 mm          |
| 12       | 0,015 mm          |
| 25       | 0,030 mm          |
| 35       | 0,050 mm          |
| 50       | 0,075 mm          |
| 75       | 0,115 mm          |
| 100      | 0,145 mm          |
| 140      | 0,205 mm          |
| 180      | 0,260 mm          |
| 220      | 0,310 mm          |

coating width: 230mm

PS: Approximate thickness during liquid application.

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