

No.2215

Flexible trailing blade coater (manual type)

This coater applies coating material on the paper or paperboard with a certain thickness. With this machine, coating operation is very easy. The rubber tube is inflated uniformly with compressed air, and the blade (doctor) is pressed onto a backup roll around which the sheet receiving coating material is wound. In this status, coating is made by turning the handle. With a relief valve on the side of the machine, air pressure can be regulated appropriately reading the pressure gauge to secure the desired amount of coating material.

Buck up roll: 178mm diameter x 270mm long

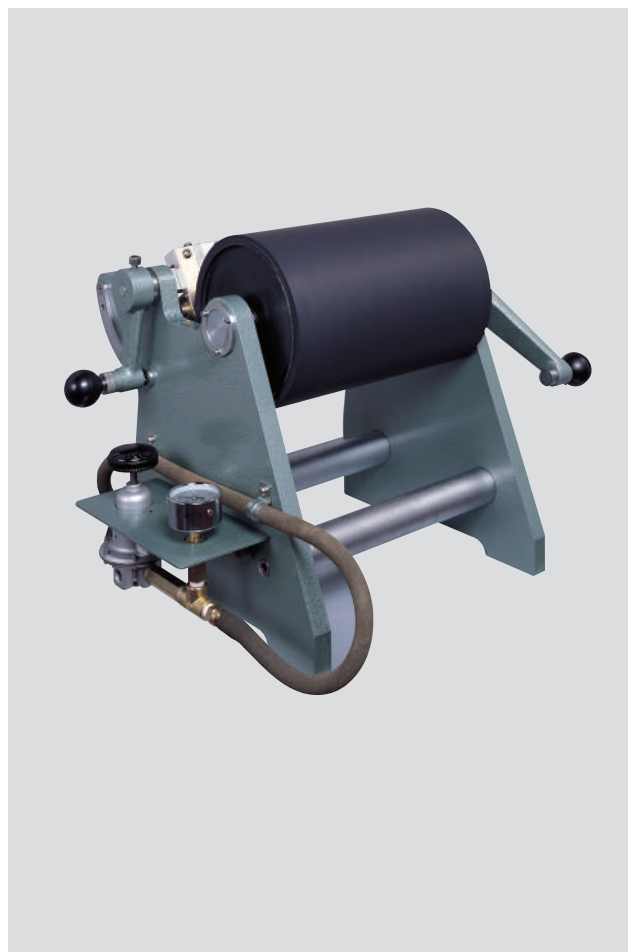
Coating blade: 200mm long x 50mm wide

select one thickness among 0.2, 0.3 and 0.4mm thick

Application pressure: 0.05 to 0.15MPa (gauge pressure)

Outer dimensions: 520 x 400 x 440mm

Instrument weight: 30kg



Coater

No.2216

Flexible trailing blade coater (motorized)

This machine is an improved coater for experimental use evolved from the manual blade coater, offering better reproducibility and operability. This machine finds various uses, especially for the research of behaviors of paint at high-speed operations and formulation. The contact angle of the blade is changeable in a range of 0 to 30 degrees to allow for changes in coating thickness.

Coating speed: 45 to 240rpm

Coating viscosity: 100 to 20,000mPa·s (cps)

Coating blade: 200mm long x 50mm wide,

select one thickness among 0.2, 0.3, 0.4mm

Blade angle: 0° to 30°

Coating quantity: 2 to 20g/m²

Coating pressure: 0.05 to 0.15MPa (gauge pressure)

Power source: 100/110VAC 50/60Hz 3A

Air source: 0.5MPa

Outer dimensions: 620 x 550 x 520mm

Instrument weight: 94.5kg

