

Lab Air Knife Coater

Description

It is intended to coat the sample sheet materials in 10" X 12" size. This coater provides uniform coating of the coating medium on to the test specimen. The laboratory coater is eminently suitable for the coating of latex, ink, lacquer and plastic dispersions etc.



A sample of standard size should be fix on the top of the movable steel plate,

The height of the air knife above the test specimen and its angle in relation to test specimen are adjustable.

The amount of air that regulates the coating layer is adjusted by the regulator and the coating dispersion or pigment formula is poured close the air knife across the paper. A uniform coating on the sample is formed with the help of forced air.

Specification

The coater consists of a welded square shaped frame. The frame contains a trans-former , a blower with a manometer 8-800 mm water pressure and a reversible motor driven table Height of the Air Knife above the test specimen and its angle in relation to the test specimen are adjustable

Air pressure is set by means of a control knob and is readily indicated on the builtin pressure gauge and air gap is adjustable by the opening the slits with the screws along the length of the airknife and is generally kept at 0.04-0.05 cm

It is a convenient Coater for paper sheets 10" x 12" and is an important aid in screening work, when papers , pigment -coating and plastic dispersions are tested in the lab

Shipping Data

Net Weight

Gross weight

Dimension

Ordering Data

Model No

Voltage

Frequency

