



### HLCL-1000 Hot Melt Coater/Laminator

The HLCL-1000 is a precision laboratory benchtop Hot Melt Coater/Laminator capable of producing coated samples of hot melt adhesives, and then laminating to a variety of foils, films, and papers. Lab scale simulations of production processes can be easily set up and studied.

The Hot Melt Coater/Laminator is designed to consistently coat hot melt formulations with the following features:

- Self contained brake unwinds for adhesive carrier and facestock.
- Requires a 110V/20A circuit and compressed air source.
- Pivot control on adhesive carrier and facestock to control web alignment.
- Laminating speed and pressure are controllable.
- Coater reservoir capacity up to 125 grams.
- Maximum operating temperature 400° F (204° C).
- Clean up is easily accomplished through quick, uncomplicated disassembly.
- Skilled operators have reported good coatings down to .25 mil thickness.
- Generates sample laminates as long as needed.
- Precision ground coating bars.
- Both coating bars and the back reservoir are heated independently.
- Width of coating can be controlled by teflon insert side dams .
- Durable aluminum and steel construction means a long machine life with consistent performance.
- Variable speed controller can be adjusted to laminate up to 7.5 fpm (2.25 mpm).

#### Dimensions (approx.)

Height:	22" (56cm)
Width:	33" (84cm)
Depth:	37" (94cm)
Weight:	160 lbs. (72 Kg)

#### Options

- Manual windup station for finished laminate
- Laminator gap adjusters
- 240 VAC/50 Hz
- Pattern coating reservoir inserts