

Model UH115

Semiautomatic Wafer/Frame Film Mounter



The Model UH115 features a semiautomatic one-pass lamination which provides an extra margin of safety when mounting particularly fragile wafers/substrates. Most mounters laminate the film in two passes, i.e. one pass as the film is laminated to the film frame and wafer/substrate and a second relaminating pass as the roller returns to its home position. The Model UH115, however, laminates on the first pass only; the second pass is contact-free.

**Ultimate Control
during Adhesive
Plastic Film Mounting**

Welcome to the next generation of adhesive plastic film mounting. Based on the highly successful Models UH114/UH114-8 Wafer/Frame Film Applicators, the Model UH115 represents the next level of bubble-free film lamination to all sizes of wafers and types of film frames. The film unwinds along a new roller path so that "crease lines" (which are common to most film mounters and occur at the point the unwound film meets the film roll) are eliminated from the lamination area. Unwinding the film from the roll is also motor-assisted to facilitate the operator.



ULTRON SYSTEMS, INC.

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The mounter offers the highest degree of control and versatility to meet even the most stringent process requirements. The film tension is adjustable to accommodate almost any semiconductor adhesive plastic film available. In addition, the workstage height is adjustable from the top of the unit to quickly adapt to wafers/substrates of varying thicknesses. With the Model UH115 Wafer/Frame Film Mounter, operator variables have been virtually eliminated.



FEATURES

- Static Ionization Bar w/power safety interlock
- Motor-assisted film feed
- Take-up roller assembly
- Single-pass lamination
- Adjustable motorized roller speed and pressure
- Workstage height adjustable from top of unit
- Accommodates film/protective layer wound on the outside or inside

OPTIONS

Edge-Contact Workstage
Automatic Film End Cut
Automatic Film Circular Cut

SPECIFICATIONS

Height: 20"
Width: 18"
Depth: 33"
Weight: 90 lbs.

SERVICE REQUIREMENTS

Vacuum: 25" Hg.
Air: 60 psi regulated
Voltage: 115VAC, 5A



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