

Closing Lateral Flow Test Housings Assembly Roller

Rapid Assembly Repeatable Pressure

The AR3000 Assembly Roller is a semi-automatic system designed to firmly close pre-assembled lateral flow device housings.

The system is composed of a speed controlled conveyor and an adjustable pressure roller. The conveyor system feeds the pre-assembled housings under the press roller where they are firmly closed and off-loaded.



AR3000 Specifications

| | |
|---------------------------------------|---|
| Weight | 40.0 lbs |
| Dimensions (w x h x d) | 25.5 in. x 12.5 in. x 15.5 in. (64.5 cm x 31.5 cm x 38.5 cm) |
| Conveyor Dimensions (l x w) | 24.0 in. x 4.0 in. (61 cm x 10 cm) |
| Maximum Roller Vertical Travel | 0.55 in. (1.4 cm) |
| Maximum Conveyor Speed | 15 in./second (47.5 cm/second) |
| Applied Force (by roller) | 50.0 lbs. (222 N) |
| Power Requirements | 100/240 VAC, 50/60 Hz, 3A |

Device Housing Specifications

| | |
|--|---|
| Maximum Part Dimensions (h) | 0.5 in. (1.3 cm) |
| Nominal Part Dimensions (w x h x d) | 1.0 in. x 1.0 in. x 3.0 in. (2.5 cm x 2.5 cm x 8.0 cm) |

Options

Guide Bar

To learn more about the AR3000, scan this QR code with your smart device:

