

Cee[®] Model 11

Bake Plate

The Cee[®] Model 11 bake plate provides the user with the utmost in thermal accuracy and uniformity.



Serving the Semiconductor Industry Since 1987

Benefits

The Cee[®] Model 11 bake plate is specifically designed for large area 450-mm-diameter substrates and 20- in square (maximum) FPD/LCD's panels. It provides process and R&D engineers with the utmost in thermal accuracy and uniformity. The footprint is extremely compact, so it installs seamlessly within existing clean room hoods or on laboratory table surfaces.

Operation

- ▶ Pneumatic lift pin (load/unload) standard
- ▶ Removable fixed proximity standoffs (0.006" standard)
- ▶ Contact or fixed proximity bake methods (standard)
- ▶ Optional vacuum and proximity bake for 300- and 450-mm wafers
- ▶ Optional custom bake plate surfaces available upon request

Programmability

- ▶ Dual 4-digit alphanumeric LED display
- ▶ Full PID operation
- ▶ Temperature auto-tuning capable
- ▶ Security: password protection option at no charge
- ▶ Optional ramping capability (8 specific set points)

Precision

- ▶ Substrate Sizes: < 1cm to 450-mm round; 20" x 20" square
- ▶ Temperature Resolution: 0.1°C
- ▶ Temperature Range: ambient to 200°C (250°C optional)
- ▶ Temperature Uniformity: \pm 0.3% across working surface



Dimensions

- ▶ Machine Weight: 150 lb
- ▶ Shipping Weight: 280 lb
- ▶ Cabinet Dimensions: 28.25 in L x 28.25 in W x 9.5 in H

Reliability

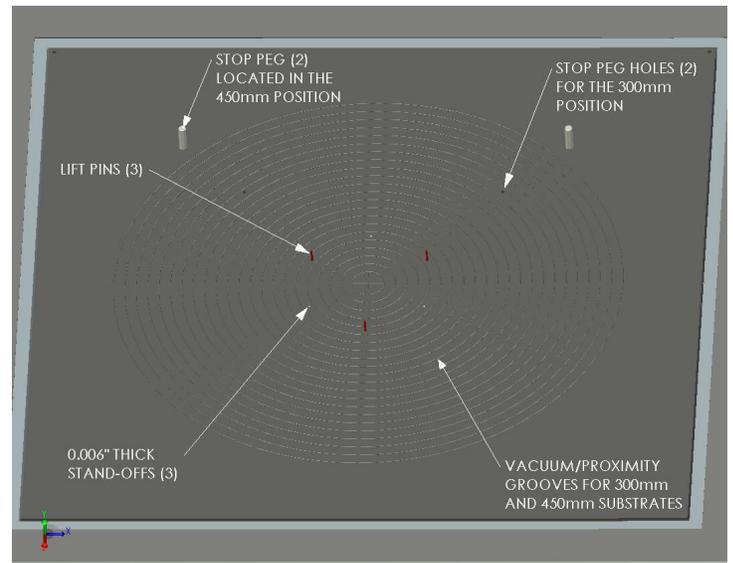
- ▶ Industry-leading reliability and uptime
- ▶ 1-year full warranty on parts and labor
- ▶ Free remote technical support (phone, email, fax) for the life of the product
- ▶ Application process assistance for life of the product

Exhaust Bake Hood Design

- ▶ All stainless steel construction
- ▶ Optional exhausted hood for removal of process chemicals
- ▶ Optional nitrogen purge for inert bake environment

Utilities

- ▶ Power requirements: 208 to 240 volts AC, 2351–3130 watts
- ▶ Full load current: 12.5 to 15.5 amps
- ▶ Input breaker/fuse: 20 amps
- ▶ Optional exhausted lid port: 2-inch OD
- ▶ Optional exhausted lid: 10- to 30-cfm range



Optional vacuum and proximity bake for 300-mm and 450-mm wafers

©2017 Cost Effective Equipment, LLC. All statements, technical information and recommendations contained herein are based on tests we believe to be accurate, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of warranty expressed or implied. Neither the seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use or inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of the seller and manufacturer.

F. 6.6.7066.B1 Effective Date: 07/18/2012

