

# Cee<sup>®</sup> Model 11

## Bake Plate

The Cee<sup>®</sup> Model 11 bake plate provides the user with the utmost in thermal accuracy and uniformity.



*Serving the Semiconductor Industry Since 1987*

## Benefits

The Cee<sup>®</sup> 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

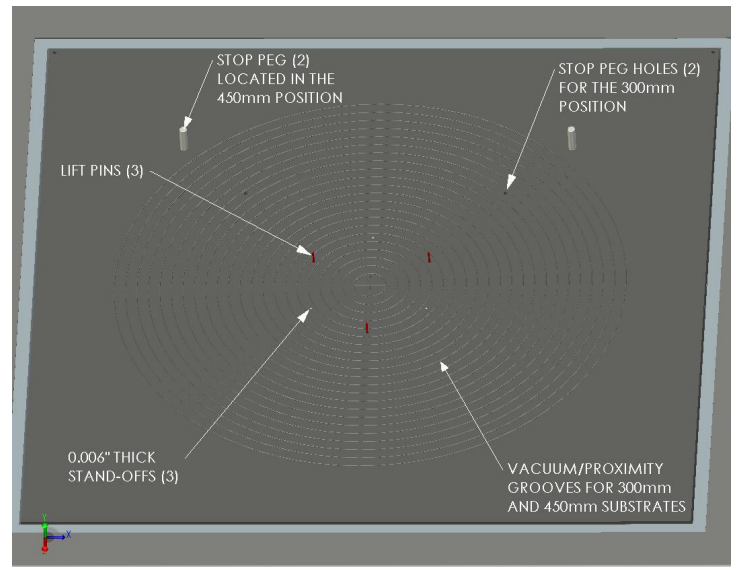
- ▶ Industry-leading reliability and uptime
- ▶ 1-year full warranty on parts and labor
- ▶ Free remote technical support (phone, email, fax) for the life of the product
- ▶ Application process assistance for life of the product

## 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

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