

# Cee® Model 10

## Precision Bake Plate

The Cee® Model 10 bake plate provides the user with repeatable thermal performance in a robust system design for years of reliable operation.



*Serving the Semiconductor Industry Since 1987*

## Benefits

The Cee® Model 10 bake plate is designed for process and R&D engineers requiring a bake plate for large- area substrate applications. The Cee® Model 10 bake plate has capability for 300-mm or 14-in square (maximum) substrates. This bake plate provides the user with repeatable thermal performance in a robust system designed for years of reliable operation.

## Operation

- ▶ Pneumatic lift pin option (load/unload) standard
- ▶ Removable fixed proximity standoffs (0.006" standard)
- ▶ Contact or fixed proximity bake methods (standard)
- ▶ Optional vacuum and proximity bake for 200- and 300-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 available at no charge
- ▶ Optional ramping capability (8 specific set points)

## Precision

- ▶ Substrate Sizes: < 1cm to 300 mm round; 14 in x 14 in square
- ▶ Temperature Resolution: 0.1°C
- ▶ Temperature Range: ambient to 300°C (400°C optional)
- ▶ Temperature Uniformity:  $\pm$  0.3% across working surface



## Dimensions

- ▶ Machine Weight: 77 lb
- ▶ Shipping Weight: 210 lb
- ▶ Cabinet Dimensions: 18.75 in L x 18.75 in W x 9.5 in H

## Reliability

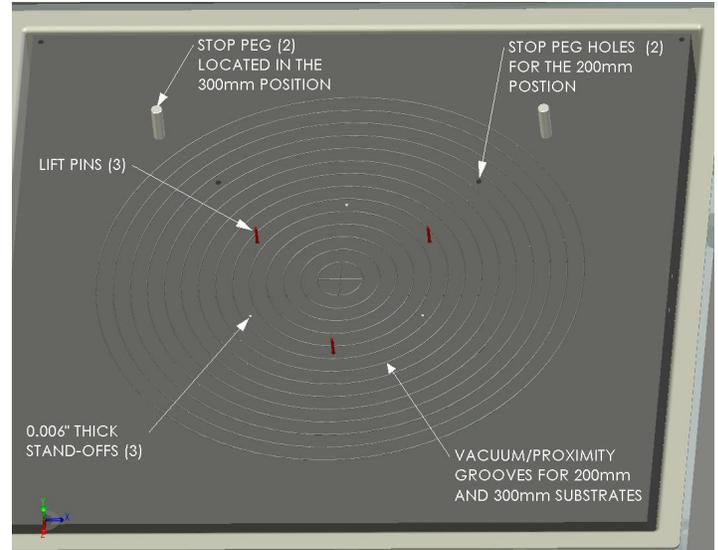
- ▶ Industry-leading reliability and uptime
- ▶ 1-year full warranty on parts and labor
- ▶ Free remote technical support (phone, email, fax) for life of the product
- ▶ Application process assistance for life of the product

## 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, 3005-4005 watts
- ▶ Full load current: 14.4 to 16.7 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 200-mm and 300-mm wafers

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