

Hot Plate Model 1000-1

Accurate Hot Plate for R&D and Pilot Line Production

PRECISION ELECTRONIC HOT PLATE MODEL 1000-1 PROVIDES AN EXTREMELY ACCURATE MEANS OF PROVIDING EVEN TEMPERATURES ACROSS A SURFACE.

Features include:

- Temperatures from 50°C to 150°C (optional temperatures to 250°C).
- Accurate to ±1% across working surface.
- Vacuum ports ensure intimate contact between substrate and hot plate.
- Substrate size from 10mm to 150mm (optional to 300mm).
- P.I.D. Temperature Controller with digital readout (optional programmable unit available).

Operation:

The operator has complete control and view of the hot plate profile. The single multifunction control panel is mounted on the front in easy view.

Applications:

Uses Include:

- Curing of photo resist
- Curing of epoxy
- Any work requiring precise temperature.

This compact unit provides the sophisticated control options required by the most demanding of applications, but is also simple to use, visually appealing and competitively priced.

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P.I.D. Controlled

Precise Temperatures

50°C to 150°C (optional to 250°C)

Self Contained

- The unit is totally self contained, allowing for safe use in a laboratory or production environment. It is easy to profile and simple to clean.

Featuring

- Autotune of P.I.D. values, approach control and calculation of ideal cycle time to automatically match the control values and characteristics of the unit.
- High visibility 4 digit LED displays temperature measurements in C or F to 1.0 or 0.1 digit resolution, even in high ambient light.
- User settable power limit.
- Zero and span adjustment allows calibration.
- Performance monitors and diagnostics record and interpret behavior of unsupervised processes.

Requirements

- Power 110V or 240V at 2 amps.
- Vacuum >>15".
- 350 x 290 x 100mm.