



International

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*New Generation*

# HF Pre-Heaters

**Greatly Improved features, efficiency and yield!**

- Easier Operation
- Improved Safety
- Reduced Down-time
- Common Spare Parts



## Features

### Tilt-out Easy Access Control Box

- ✓ Protects meters, timer, temp. controller and integrity of settings

### Built in PLC Control

### Dual current meters

- ✓ Simultaneous Plate & Grid current readings

### Operator Error Indicator

- ✓ Alerts operator if any fault occurs
- ✓ Alerts operator if material loading time is missed

### Special Coated Roller Electrode

- ✓ Eliminates Teflon shrink tube

### Longer Life Shielding Strips

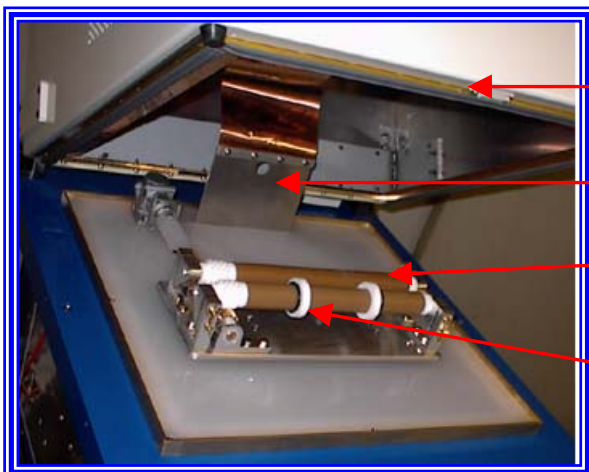
- ✓ Reduced current flow on shielding strips

### Improved Reliability

- ✓ Special hood safety sensor
- ✓ Optical sensor for hood position
- ✓ Magnetic contactor protection
- ✓ Silicon diode protection

### Eliminate Dust Contamination from Preheater

- ✓ No airflow holes in cabinet which allow dust leaks
- ✓ Connection to house-exhaust capability
- ✓ Easy cabinet access through dual side panels

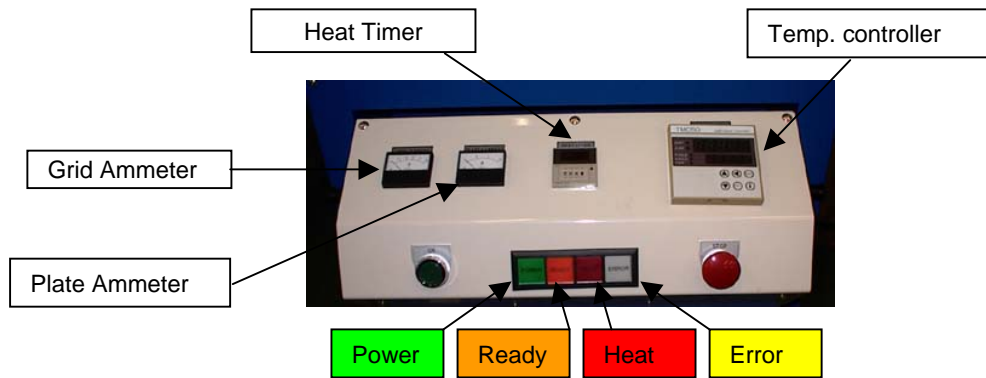


Solid type hood safety bar for consistent obstruction sensing

Direct grounding for shield protection

Special Roller Electrode eliminates replacing shrink tubing

Adjustable pellet positioning guide



**Features shown below provided on (optional) I/R controlled Preheaters**

**Operator Alerted to Any Out of Specs Result**

- If hood opens, by activation of timer
- If hood opens, caused by arcing
- If hood opens, caused by interlock

- System recognizes error
- Error lamp lights for 10 seconds
- Operator alerted that pellets are not properly heated to load into mold

**ARE HEATED PELLETS LOADED IN TIME?**

Pre-heated pellets normally loaded within required time

If operator doesn't remove heated pellets from Preheater within 10 seconds, ALARM will activate by flashing Lamp or Buzzer (selectable)



Infrared sensor

Cabinet inside is completely sealed to prevent dust in mold room when exhaust duct is connected.

**THESE ARE OUR OBJECTIVES**

- Provide the best H.F. Preheater available
- Continued quality service to our customers
- Upgrade your existing preheaters

**NOTE**

- ❖ Information in this leaflet is based on our standard specification. We will advise as to additional functions based on customer requirements.
- ❖ We provide spares and full service for other make Preheaters.

**Automatic Pellet Loading System is now available utilizing your existing H.F Preheaters**



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