

RF PREHEATER

Thermex dielectric heating systems are widely acclaimed for their rugged dependability and engineering superiority. The unique characteristics of dielectric heating in achieving uniform, rapid and controlled heating throughout a given mass has never been more successfully exploited than in our Industrial RF Preheaters. Systems that enable heating to precise, optimum molding temperature. Today's **Thermex** RF brings a new standard of economy and automation to preheating plastic preforms.



Features:

- Solid state power supply
- Continuous output power
- Power output controlled by adjustable electrode
- Plug-in cycle timer
- Indicators include:
 - Power On
 - Ready
 - RF On
 - Fault
- Equipped with automatic overload protection
- Standard voltage of 480V 60Hz 50Hz; other voltages optional
- System fully air cooled
- Double interlocked cavity door for safety
- Heavy duty casters provided for ease of movement

Common Uses: Preheating of thermosetting plastics for compression molding

Model Pictured: TP10C

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OPTIONAL ACCESSORIES:

- IR Temperature Sensor integrated into the heat cycle
- Remote Cycle Start/Stop Function
- Preform Rotators for one to four rows of preforms
- Heat delay timer
- End of cycle indicator
- Arc suppression
- Automatic fault reset / restart
- Custom electrodes
- Analog and discrete outputs for external data collection
- Audible alarms

SPECIFICATIONS:

Model Number	TP5C	TP10C	TP12.5C
Power Output (Adjustable)	5kW	10kW	12.5kW
Frequency	60-80MHz	60-80MHz	60-80MHz
Utilities	60 Hz at 480V	60 Hz at 480V	60 Hz at 480V
Phases	3	3	3
Electrode Size	12" x 12"	16" x 16"	18" x 18"
Loading Height	38"	38"	41"
Maximum Preform Diameter	2.5"	2.5"	3"
Cabinet Dimensions	75" Height 36" Width 38" Depth	75" Height 36" Width 38" Depth	77" Height 41" Width 36" Depth

APPLICATIONS INCLUDE:

- Preheating & curing of polyester, urethane, epoxy, urea, silicone, synthetic rubber and Phenolic resins
- SMC Bonding
- Adhesive curing
- General drying
- Testing/heating studies
- Bulk or granular solids

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