

# Thermex Thermatron, LP

## High Frequency Heat Sealers

### Delta Series

In RF welding equipment, quality, reliability and safety have become synonymous with the name **Thermatron**. The Delta Series is no exception. With its rugged, heavy-duty press and powerful RF generator, this series offers a wide range of advantages over contemporary RF welders. They include a space saving console-mounted generator with new, high-efficiency RF electronic circuitry, solid-state power supply, tuned transmission lines and a long list of available options.

Engineered into all **Thermatron** equipment are carefully designed safety features that have the operator's protection in mind. Among these are a high-voltage power circuit breaker and OSHA compliant two-hand safety system. Everything one would expect from the world's leader in industrial RF equipment is built into the Delta Series from **Thermatron**.



**Thermex Thermatron, LP**  
"High Frequency at Its Best"

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## Features:

- ✓ Solid-State Power Supply.
- ✓ High-Efficiency Oscillator Circuit.
- ✓ Built-in D.C. Overload Protection Circuit.
- ✓ Frequency-Stabilized Generator at 27.12 MHz  $\pm$  0.6%.
- ✓ Two-hand Electrical Safety System with OSHA-Approved, Dual Interlock, Non-Tie Down Controls.
- ✓ Exclusive RF Power Feed to Assure Equal Voltage Distribution and Uniform Sealing.
- ✓ Air filters, Water Trap Lubricator and Pressure Regulator for Carefree Maintenance.
- ✓ Up and Down Pneumatic Press Speed Controls.
- ✓ Three Electronic Timers (0-99 Seconds Each): Pre-seal, Seal and Cool.

## Specifications:

Model	KF42/SP40	KF62/SP40	KF82/SP40
Power output (Adjustable)	4 kW	6 kW	8 kW
Input Voltage (1)	190/250 V	190/250 V	190/250 V
Current Per Phase	40 Amps	37 Amps	44 Amps
Phases	1	3	3
Bed Plate	25" X 36"	25" X36"	25" X 36"
Upper Platen	18" X 20"	18" X 20"	18" X 20"
Day Light (Adjustable)	9 1/2"	9 1/2"	9 1/2"
Throat Depth	12 1/2"	12 1/2"	12 1/2"
Dia. X Stroke	5" X 8"	5" X 8"	5" X 8"
Force @ 100 PSI	2000 lbs.	2000 lbs	2000 lbs
Dimensions	84" High 30" Wide 36" Deep	84" High 30" Wide 36" Deep	84" High 30" Wide 36" Deep
Shipping Weight	1800 lbs.	1800 lbs.	1800 lbs.

(1) Standard voltage is 60 cycles, 50 cycles and other voltages optional.

## New Features:

- ✓ IEC Controls.
- ✓ Easy Access to Oscillator circuit.
- ✓ Hinged Access Doors (2) on Generator.
- ✓ Fewer Oscillator Parts.

## Optional Accessories:

- ✓ Electro-Mechanical Turntables.
- ✓ Quick Disconnect for Easy Die change.
- ✓ Exclusive RF Switching Network.
- ✓ Arc Suppressor Self-Test.
- ✓ Manual and Powered Shuttles.
- ✓ Heated Upper Platens.

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