

Thermex Thermatron, LP

High Frequency Heat Sealers

Quantum "F" Series

The foremost name in industrial RF equipment presents the **Quantum "F" Series** of high frequency heat sealers. From the versatile, rugged, heavy-duty, low friction presses to the powerful, efficient, frequency-stabilized generators, Thermatron Engineers have created equipment delivering maximum efficiency and speed at minimum operating costs. The **Quantum "F" Series** represents significant technology advances that have made Thermatron equipment the standard by which others are measured.

Features:

- ✓ Solid-State Power Supply.
- ✓ High-Efficiency Oscillator Circuit.
- ✓ Built in D.C. Overload Protection Circuits.
- ✓ Air Exhaust Silencers for Noise-Free Operation.
- ✓ Up and Down Pneumatic Press Speed Controls.
- ✓ Frequency-Stabilized Generator at $27.12 \text{ MHz} \pm 0.6\%$.
- ✓ Three Electronic Timers (0-99 Seconds Each) – Pre-Seal, Seal and Cool.
- ✓ Air Filters, Water Trap Lubricator and Pressure Regulator for Carefree Maintenance.
- ✓ Two or Four-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.



* Laser and PLC are Optional

Thermex Thermatron, LP
"High Frequency at Its Best"

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Optional Accessories:

- ✓ Heated Barholder
- ✓ Laser Spotter
- ✓ Soft-Start
- ✓ Deep Trough
- ✓ Gravity (Low Pressure) Descent
- ✓ Articulated Grounding Foot
- ✓ Electro-Mechanical Turntables
- ✓ Manual and Powered Shuttles
- ✓ Automatic Roll-fed Indexing Systems
- ✓ Quick Disconnect for Easy Die Change
- ✓ Exclusive RF Switching Network
- ✓ Self-Test Arc Suppressor

Specifications:

Model	F10-55	F15-55	F20-55
Power output (Adjustable)	10 kW	15 kW	20 kW
Input Voltage (1)	190/250 V	190/250 V	190/250 V
Current Per Phase	50 Amps	70 Amps	93 Amps
Phases	3	3	3
Input Power KVA	17	24	32
Bed Plate	12" X 54"	12" X 54"	12" X 66"
Upper Platen	1" X 48"	1 1/2" X 48"	1 1/2" X 60"
Day Light (Adjustable)	4"	4"	4"
Throat Depth	27 1/2"	27 1/2"	27 1/2"
Dia. X Stroke	6" X 8"	6" X 8"	6" X 8"
Force @ 100 PSI	2825 lbs.	2825 lbs	2825 lbs
Dimensions	81" High 54" Wide 67" Deep	86" High 54" Wide 69" Deep	86" High 66" Wide 69" Deep
Shipping Weight	2575 lbs.	2700 lbs.	3050 lbs.

- (1) Standard voltage is 60 cycles; 50 cycles and other voltages optional.
- (2) Larger and smaller sizes available. Height of press bed surface from floor is approximately 36".

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