



# 40000 Series IONIC RF LOAD

Up to 1 GHZ

## TECHNICAL CHARACTERISTICS:

- Frequency Range to 1 GHz Hot Tested 201MHz
- Power up to 1000 kW • Steel Frame Construction
- Special Broadband Soda-Water Resistor • Full Radiation Screening
- Accurate Measurement of Dissipated Power • Remote Monitoring and Control
- Dissipation of CW and Pulsed RF Signals • Self-protecting Interlock Circuit

## SPECIFICATIONS

POWER RATING (RMS)	1000 KW Avg. (CONTINUOUS DUTY) 3000 KW Tested (PULSE) MAX TBD
FREQUENCY RANGE	1 KHz to 1000 MHz
IMPEDANCE	50Ω nominal Variable
STABILIZED VSWR	1.15
MEASUREMENT ACCURACY	Temp. Resolution $\pm 0.1^{\circ}\text{C}$ ; Water Flow $\pm 1\%$ FS Power $\pm 4\%$ FS



Model 40250

# ALTRONIC RESEARCH INC.

CALL TOLL FREE 1-800-482-LOAD

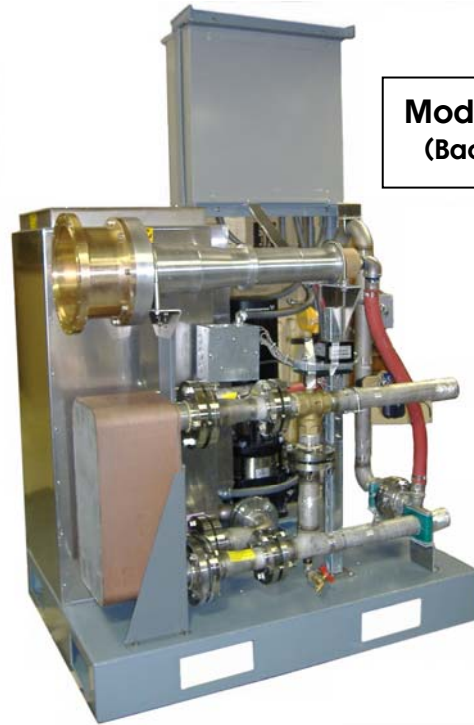
P.O. BOX 249, Yellville, AR 72687  
(870) 449-4093



[www.altronic.com](http://www.altronic.com)

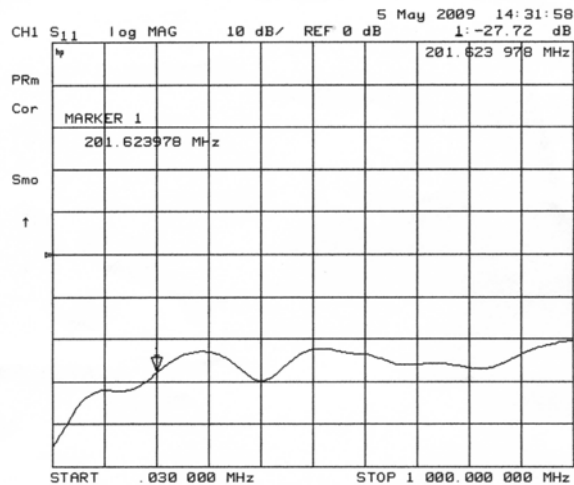
## OPTIONS:

- Secondary Containment
- Lifting Points
- Jacking Wheels
- Visual / Audible Alarms
- LAN Remote Interface
- Calorimetric RMS Measurement
- Hardware / Software Interlock
- Insulated Hot Surfaces
- Sealed or Repairable Heat Exchangers
- Multiple Loads on Support System



Model 43200  
(Back View)

## Typical Sweep



---

# ALTRONIC RESEARCH INC.

CALL TOLL FREE 1-800-482-LOAD

P.O. BOX 249, Yellville, AR 72687  
(870) 449-4093



[www.altronic.com](http://www.altronic.com)

---