

Load Frequency Analyzer

For Tuning Induction Heating Loads

The Load Frequency Analyzer is a solid state, portable instrument that quickly determines the resonant frequency of induction heating loads without heating. This equipment eliminates hours of set-up time, and prevents the waste of production parts typically used during trial & error and heating & cutting process. The L.F.A. eliminates the guess work from the equation. Once your machine is set-up for a new application, it is easy to determine the resonant frequency for that application prior to heating.



Performance Guidelines

To operate the analyzer, simply plug it into any 120 VAC outlet and select the frequency range. Load the part into the inductor and place the clip leads across the heat station capacitor bus.

By adjusting the frequency of the LFA, the resonance is determined by the level indicated on the bar graph. With adjustments to the machines transformer and capacitor connections the desired heating frequency can easily be achieved.

SPECIFICATIONS:

Frequency Display	6 Digits
Accuracy	± 1%
Low Range	350 Hz – 24 kHz
High Range	4 kHz – 210 kHz
Input Line	
Voltage	120 VAC
Frequency	50 – 60 Hz
Power	30 Watts Max.
Dimensions	
Height x Width x Depth	2" x 5" x 7" (50 mm x 130 mm x 185 mm)
Weight	2.5 lbs. (1.135 kg)
* High frequency models are available for applications up to 500 kHz.	
** Specifications are subject to change without notice.	



ISO 9001:2000 Certified

For more information, call 800/624-6297 or visit www.inductoheat.com

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