

MOBILE AC CURRENT SOURCE

BUILT TO ORDER BY EMERGING TECHNOLOGIES, LLC.

Developed for AC Current Testing applications, this versatile AC constant current source shines when it comes to testing AC current trip devices. The standard single-phase AC current source design can incorporate an optional three output contactors and three return contactors to allow for isolation and automated line switching for testing individual phases of three phase devices. The standard current source is capable of current loops over 1,000 amps AC at a continuous duty cycle. The mobile design allows the ability to position the current source close to the product being tested. This feature will increase power available to run current through the DUT by avoiding long impedance increasing cable runs. This field proven current source is a great addition for manufacturing and laboratory environments alike.



APPLICATIONS:

- Circuit Breaker Trip Testing
- Recloser Trip Testing
- Motor Starter / Overload Trip Testing
- Current Transformer Testing
- Applications Requiring Constant AC Current
- And More

STANDARD FEATURES:

- 5kVA-30kVA
- 10-1000A Continuous Duty Cycle
- 5-10VAC Compliance Voltage
- 60 Hz Output Frequency
- Input Voltage Options: 220V Split Phase, 208/240 3 Phase, 480 3Phase
- Mobile Design
- Touch-Screen Interface
- Standard Control Application

AVAILABLE OPTIONS:

- HA – High Output Accuracy
- HF – 45-500 Hz Output Frequency
- LI – Low Current Range Control (0-50A)
- LC – Static Load Correction
- TA – Custom Test Software Application
- OC – 3 Output Channels for Automated Switching Between Individual Phases
- RI – Remote Interface Capability

A wide range of output current and power options are available

Quotation Request Worksheet

(Fill in and email to sales@emergingtech-llc.com for quote)

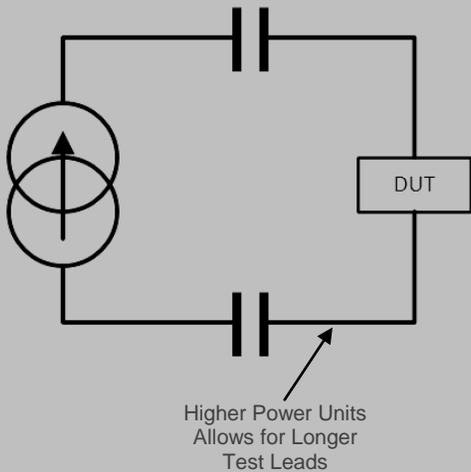
Power Range (kVA)	Current Range (A rms)	Output Frequency (Hz)	Compliance Voltage (V)	Desired Test Lead Length (Supply + Return) (ft)	Input Voltage Selection
Selected Options and Additional Requests					

BUILD TO ORDER SOLUTIONS

PRODUCT OVERVIEW

*Images are for reference only.

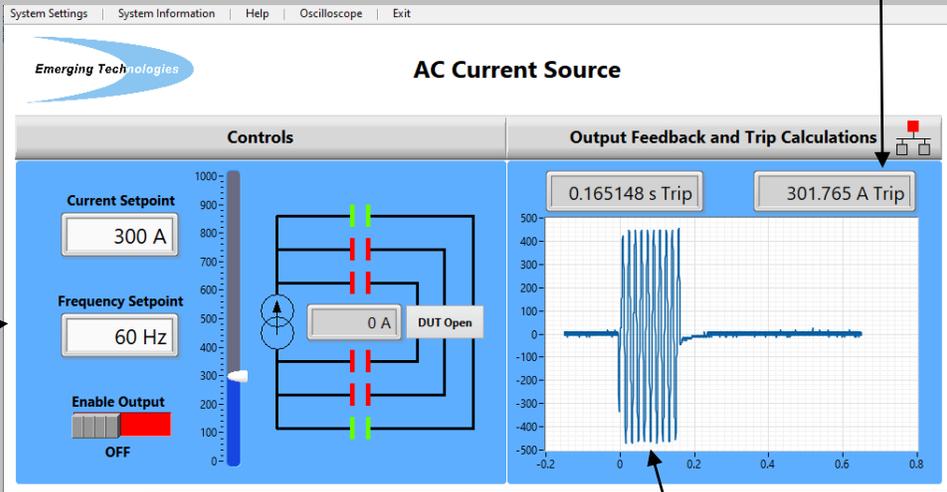
SIMPLIFIED SYSTEM DIAGRAM



STANDARD CONTROL APPLICATION

Optional Automated Trip Timing Calculations

Output Current and Frequency Control



Output Current Waveform Feedback

For Additional Information Call 920-793-2782 Ext 102 Or Email sales@emergingtech-llc.com