

# MOBILE AC CURRENT SOURCE

BUILD TO ORDER

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.



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

- EOR - Enhanced Output Registration
- 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 & Power options are available

**SPECIALISTS IN TEST, MEASUREMENT, AND DATA ACQUISITION**

## SIMPLIFIED SYSTEM DIAGRAM



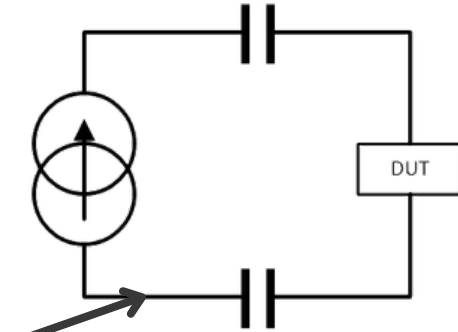
Output Contact Guarding

Touch-Screen Interface

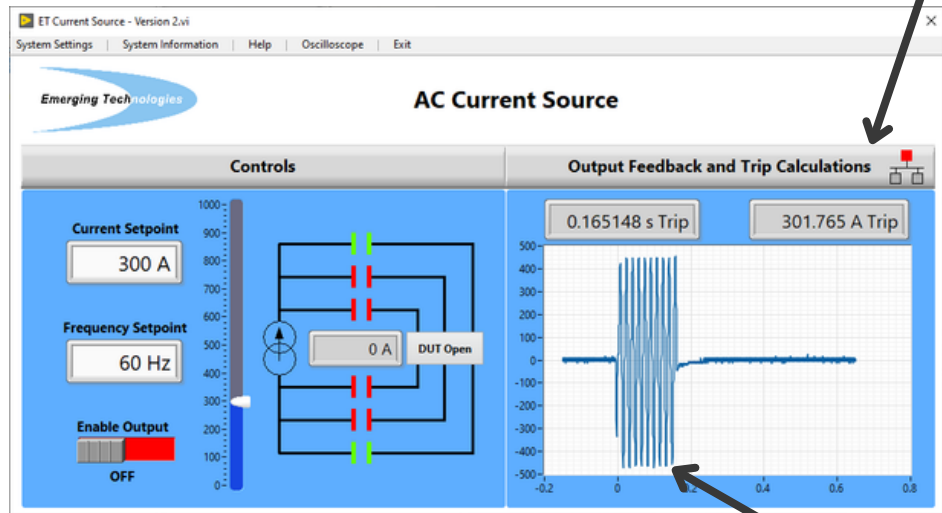
Heavy Duty Casters

Output Current & Frequency Control

Higher Power Units Allows for Longer Test Leads



Optional Automated Trip Timing Calculations



Output Current Waveform Feedback

## QUOTATION REQUEST WORKSHEET

Fill in and email to [sales@emergingtech-llc.com](mailto: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 & Additional Requests					



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