



## Load Box for Current Transformers

Have you ever driven an hour to a test site only to discover that the site had little or no load?

**With the new Spinlab Load Box the Bird Dog Plus can test every site, even if there is no load or a very light load.**

In-service testing is the only way to thoroughly test a meter circuit site. If there is no load or a very light load, a proper ration/burden test cannot be performed. Now with the Load Box, you can load a CT enough to completely test the meter circuit. Simply take the current cable from the Load Box, wrap it around the CT, switch from 10 amps to 50 amps through the CT, and perform a meter circuit test the same way as usual. The Spinlab Load Box is usable with 120V, 240V or 480V service and is good on donut or bar-type CT's.



### Some additional applications for the Load Box are:

- Checking CT's on the bench before hooking them up in a circuit
- Testing a new installation before a load is applied, saving a later trip back to the site
- Performing a meter verification test using the Bird Dog Plus on no load sites

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For more information contact us:

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## SPECIFICATIONS

INPUT VOLTAGE	120/240/480 Volts		
OUTPUT CURRENT	All Switches Off	10 Amps	0 to - 5%
	1 Switch On	20 Amps	0 to - 5%
	2 Switch On	30 Amps	0 to - 5%
	3 Switch On	40 Amps	0 to - 5%
	4 Switch On	50 Amps	0 to - 5%
	These readings are dependent upon a 12 foot cable length. For longer lengths of cable, the maximum current is as follows:		
	40 foot	40 Amps	0 to - 5%
	70 foot	30 Amps	0 to - 5%
	100 foot	20 Amps	0 to - 5%
OPEN CIRCUIT VOLTAGE	5 Volts RMS		
FREQUENCY	50 or 60 Hz		
OPERATING TEMPERATURE	0 To 120 Degrees Fahrenheit		
FUSE	3 Amp Slow Blow		
SIZE	8" x 8" x 8"		
WEIGHT	16 Pounds		

## INPUT VOLTAGE PROPORTIONAL TO OUTPUT CURRENT TABLE

<b>INPUT VOLTAGE</b>	<b>TAP CONNECTION</b>	<b>OUTPUT CURRENT</b>
100 Volts	120 Volt Tap	.833 x Nominal Readings
120 Volts (Nominal)	120 Volt Tap	10, 20, 30, 40, 50 Amps (Nominal)
208 Volts	240 Volt Tap	.866 x Nominal Readings
220 Volts	240 Volt Tap	.917 x Nominal Readings
230 Volts	240 Volt Tap	.958 x Nominal Readings
240 Volts	240 Volt Tap	Nominal Readings
277 Volts	480 Volt Tap	.577 x Nominal Readings
347 Volts	480 Volt Tap	.723 x Nominal Readings
415 Volts	480 Volt Tap	.860 x Nominal Readings
480 Volts	480 Volt Tap	Nominal Readings
<b><u>600 Volts</u></b>	<b><u>Do not use at this voltage level or above!!!</u></b>	