



## Bird Dog Plus—Model 5000

In-Service Tester for CT's  
& Secondary Circuits

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**Now lost revenue can be quickly and easily identified by testing your meter circuits!**

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The Bird Dog Plus, Model 5000 is everything the meter tech needs to determine whether the meter circuits are operating accurately. The Model 5000 checks your wiring, performs a ratio test, and burdens your meter circuit with the push of one button. Push another button and you save the full set of data, and you are in and out of the site in less than 10 minutes, thoroughly testing out the site and recording the data in memory. If there is a problem at the site, you have on-board diagnostics to help you automatically troubleshoot the problem and fix it at that moment. The Model 5000 weighs only 6 pounds and is easy to operate. With regular use, the Model 5000 will more than pay for itself in a matter of months!

- Accuracy better than 0.5% for ratio testing
- Duckbill connectors for direct connection to your test switch—0.1 to 20 Amps
- Flexible Coil Probe to connect to the high side of your CTs for ratio testing—10 to 3000 Amps
- Ergonomic case for easy portability
- Lifetime support at no additional cost!
- Option #1: 1500 High Voltage Kit for testing primary CT's and overhead secondary installations
- Option #2: Meter base adapters if you do not have test switches for Forms 3, 4, 5, 6, 8, & 9 meters



**Bird Dog Plus, Model 5000**



**1500 High Voltage Kit**

**Spinlab Utility Instrumentation, Inc.**

3110 Henson Road, Suite A1, Knoxville, TN 37921

Telephone: 865.212.9881

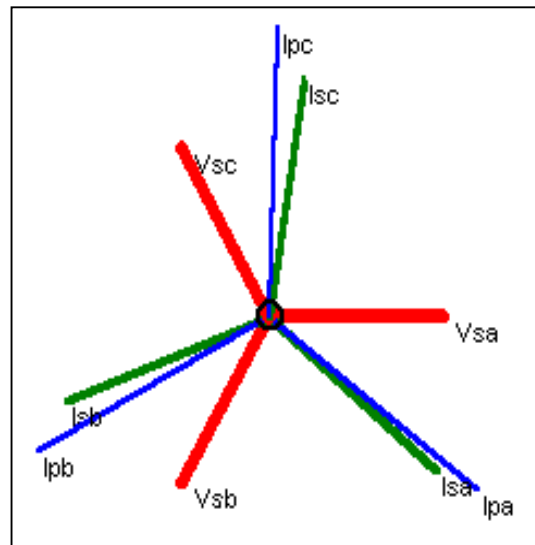
Fax: 865.212.9886

e-mail: [sales@spinlabinc.com](mailto:sales@spinlabinc.com)

# System (Meter Circuit) River Bend Test Site

**Location:** 35942364    **Meter Type:** Form 9, 4 Wire Wye (3S-3IC)  
**Date:** 12/13/2004    **Rotation:** ABC  
**Comment:**                **Screen:** Global Save

Phase Time	A	B	C	System
10:24:15	10:26:56	10:29:21		
<b>General</b>				
Vs	121.6	121.9	121.9	
Is	0.5234	0.9728	0.9470	
Ip	21.07	39.28	38.20	
φ Vs-Is	39.9	39.0	39.1	
φ Ip-Is	3.1	7.1	7.4	
φ Vsan-Is	39.9	159.0	279.1	
φ Vsan-Ip	36.7	151.9	271.7	
Wire Verify	Correct	Correct	Correct	
<b>Harmonics</b>				
THD Volts %	2.2	2.0	1.9	
THD Amps %	6.6	7.2	7.8	
<b>Power</b>				
kW	0.04880	0.09182	0.09072	0.23134
kVAR	0.04083	0.07512	0.07135	0.18730
kVA	0.06363	0.11863	0.11542	0.29766
True PF	0.767 lg	0.774 lg	0.786 lg	0.778 lg
Disp PF	0.767 lg	0.774 lg	0.786 lg	0.778 lg



### Ratio/Burden Summary

Ohm	Phase A — X		Phase B — □		Phase C — O		System
	Ratio	%Change	Ratio	%Change	Ratio	%Change	
0.0	201.3	0.0	201.9	0.0	201.7	0.0	
0.1	201.1	-0.1	201.1	-0.4	200.5	-0.6	
0.2	201.6	0.2	201.6	-0.1	201.6	-0.1	
0.5	201.7	0.2	201.7	-0.1	202.6	0.5	
1.0	202.0	0.4	201.9	0.0	201.9	0.1	
2.0							
4.0							
<b>Ratio No Burden</b>	201.3		201.9		201.7		
<b>Rated Burden</b>	1.0		1.0		1.0		
<b>Burden</b>	As Rated		As Rated		As Rated		
<b>% Accuracy</b>	99.3		99.0		99.1		99.13
<b>Favors</b>	Customer		Customer		Customer		Customer
<b>Gain/Loss Amount</b>							(\$630.72)

