Bird Dog Plus—Model 5000 to 6000 Upgrade

In-Service Tester for CT's and Secondary Circuits and All Meters (Including CT-Rated, Self-Contained, and Residential)

Now lost revenue can be quickly and easily identified by testing your meter circuits and *all meters*, including CT-rated, 3 phase self-contained, and residential! Weighs less than 12 lbs!*

By expanding the existing meter circuit testing ability of the Bird Dog Plus, this new upgrade enables you to determine the accuracy of **any** meter in the field--from Form 1 through Form 17 with ***just one test!*** Electronic sensors allow you to automate the test to gain the highest possible accuracy. The process is fast, simple, and much less expensive than a portable test board for the meter test, and also tests your CTs and secondary circuits at the same time.

- **Meter verification accuracy better than 0.2% direct connect** → Per ANSI C-12.1-2008 using Method 3 (5.1.5.3)
- **All probes and sensors pre-connected—no need to connect or disconnect probes**
- **Live 3 phase vector plot on the screen of the Bird Dog Plus**
- **Save .pdf files & e-mail reports direct from SpinGraph**
- **3 Small I Probes—0.75" Inside Diameter—0.5 to 100 Amps**
- **3 Large I Probes—2" Inside Diameter—10 to 1000 Amps**
- **3 Duckbill Connectors for direct connection to your meter circuit**
- **Tests residential meters**
- **Perform a single meter verification test on all self-contained meters**
- **You can also perform a single meter verification test on all CT rated meters**
- **Demand Test for kVh, kVARh, & kVAh--From 1 to 60 minutes demand intervals**
- **Lithium ion battery for longer life**
- **Weighs less than 12 pounds without probes***
- **Lifetime product support at no additional charge!**
- **Option: 1500 High Voltage Kit for testing primary CT's and overhead installations**

YOUR 5000 BIRD DOG PLUS + THE UPGRADE = 6000 BIRD DOG PLUS

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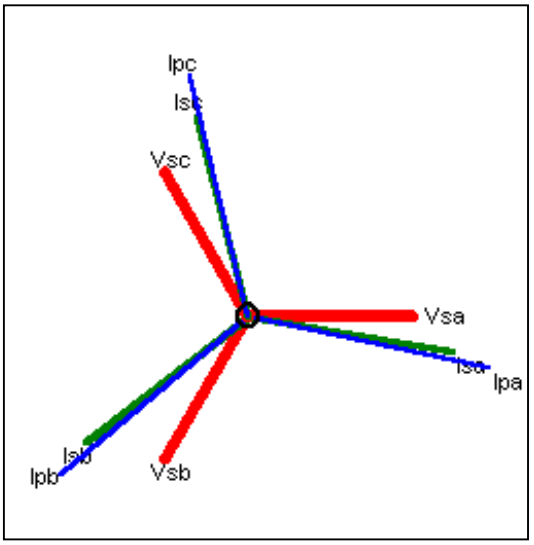
System (Meter & Meter Circuit)
River Bend Test Site

Location: CB5720 **Meter Type:** Form 9, 4 Wire Wye (3S-3IC)
Date: 12/02/2008 **Rotation:** ABC
Comment: **Screen:** Composite

Phase	A	B	C	System
Time	08:37:30	08:37:30	08:37:30	
General				
Vs	120.9	119.9	119.6	
Is	1.526	1.596	1.486	
Ip	60.61	62.71	58.97	
ϕ Vs-Is	9.9	22.2	15.8	
ϕ Ip-Is	357.9	2.6	359.4	
ϕ Vsan-Is	9.9	142.2	255.8	
ϕ Vsan-Ip	13.0	139.6	256.4	
Harmonics				
THD Voltage %	2.2	2.2	2.3	
THD Current %	7.3	6.6	2.6	
Power				
kW	0.18021	0.17976	0.16963	0.52961
kVAR	0.03951	0.06560	0.05306	0.15817
kVA	0.18449	0.19136	0.17774	0.55272
TPF	0.977 lg	0.939 lg	0.954 lg	0.958 lg
DPF	0.985 lg	0.926 lg	0.962 lg	0.961 lg
Meter Verification				
Bird Dog (kWh)				0.0036025
Meter (kWh)				0.0036000
Time (Seconds)				46.71
P/R Setting				2
kH				1.8
Pulses per Rev				12
kVAh				0.0036048
Sensor Type				IR Sensor
% Accuracy				99.9%
Favors				Customer
Meter Circuit				
Ratio No Burden	201.5	203.5	201.6	
Rated Burden	1.0	1.0	1.0	
Burden Results	As Rated	As Rated	As Rated	
% Accuracy	99.2	98.2	99.2	98.9%
Favors	Customer	Customer	Customer	Customer
System Error (Meter and Meter Circuit Combined)				
% Accuracy	99.1	98.3	99.1	98.8%
Favors	Customer	Customer	Customer	Customer
Utility Gain/Loss				($1,440.00) per 12 Months

Vector Plot



Ratio/Burden Graph

Accuracy Summary