

# Geophone Acceptance Testing Bird Dog 3



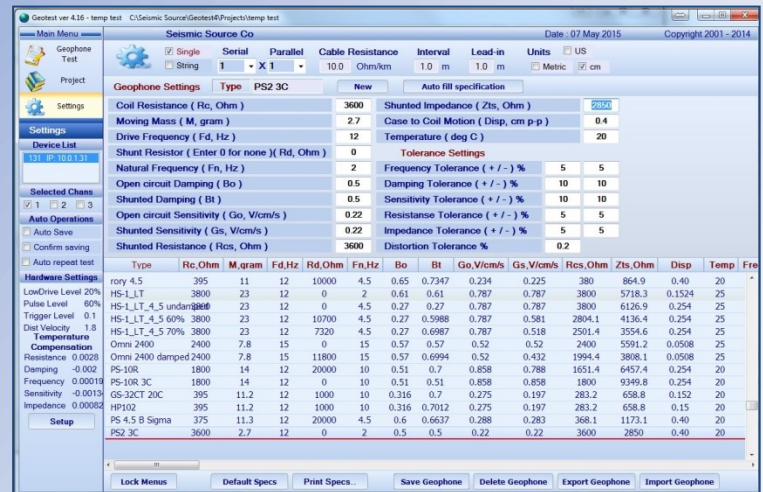
## Bird Dog 3 Features:

- Simultaneously test up to three single-axis geophones or geophone strings; or one 3C geophone
- Includes MS Excel compatible interface for statistical analysis and report creation
- GPS time and location saved for every record



## Geophone Testing Features:

- QC individual element or strings
- Run geophone tests when and where recording system cannot
- Tests anywhere at anytime
- Assures clients that geophones are operating correctly



## Geophone QC Software:

- Time Domain and Frequency Domain Tests
- Records and Prints all Test Results



# Geophone Acceptance Testing Bird Dog 3



## A Versatile Quality Control Tool:

- 32-bit ADC chip for lower noise and increased accuracy
- 8 Gbytes of Data Storage - Expandable to 16
- All test data saved in non-volatile memory for later download and retrieval
- Connects to PC via Ethernet or optional Wi-Fi - Computer provides test control, data download, real time display and analysis of data, plus prints results for archiving

## BD3 with Geophone Test option Includes:

- Three Channel Bird Dog 3 Unit with:
  - Power Cable
  - CAT5 Computer Interface Cable
- Bird Dog 3 Geophone QC kit with:
  - Geophone Wiring Harness:
    - Tests one 3-Component Geophone
    - Tests three 1-Component Geophones or Strings
- Available options include:
  - Hydrophone Test Option
  - Vibrator QC Option
  - Bar Code Reader



## Bird Dog 3 with Geophone Test option Specifications

Performance		Physical	
A/D	32 bit sigma delta converter	# Channels	3
Dynamic Range	126 dB	Temperature	-40°C to +85°C
% THD	0.0012 %	Humidity	0 to 100%
Crosstalk	Better than -125 dB	Size	14" x 5½" x 3"
CMRR	> 100 dB	Weight	3.4 lbs (1.55 kg)
Noise Floor (@2ms)	< 0.09 µV RMS	Data Storage	8GB CompactFlash (Internal)
Input Impedance	100k Ohms		
Available Tests	Up to three Single Axis Geo-		

