

# ***Bird Dog 3***

## ***A Solution for Every QC Problem***



***BD3 – 3 Channels  
Geophone Test Option***



***BD3 – 11 Channels  
Vibrator Test Option***



***Portable Bird Dog 3  
In-Field QC Option***



***Hydrophone Test Option -  
For Electrical & Acoustic Responses***

***Seismic Source Company  
Ponca City, Oklahoma, USA***



# **Bird Dog 3 – 3 Channels**

***Versatile Quality-Control System***

***Geophone Test – 3 channels at once***

***Hydrophone Test Option Available***

***3 channel independent VibQC Option Available***



System includes: Bird Dog 3 unit, GeoTest Cable, Power & Ethernet Cables

# **Bird Dog 3 – 11 Channels**

***Test a Fleet of Vibrators at Once***

***11 channel independent VibQC System***

***Geophone Test – 3 channels at once***

***Hydrophone Test Option Available***



System includes: BD3 11 channel unit, BD3-11 Standard Cable Set (*see description*), Wireline cables, BD3-11 VibQC Cable Set (*see description*)

# Bird Dog 3 – Portable QC

***Test Geophones where they are planted  
Imbedded Computer – Small, Lightweight & Portable  
Geophone Test – 3 channels at once  
Hydrophone Test Option Available***



System includes: Portable Bird Dog unit, GeoTest Cable, Ethernet Cable, Power Cables & Battery Charger

# Hydrophone Test Option

***Complete Hydrophone Test System  
Tests both Electrical and Acoustical Properties  
Uses BD3-3, BD3-11, or Portable BD3 Units***



System includes: Sound Tube, Audio Amplifier with cables, and Single Hydrophone cable (Bird Dog QC Unit Not Included)

# Seismic Source Company

## Bird Dog 3 General Specifications

- 32-bit, high speed, ADC chip for lower noise and increased accuracy
- Multiple modes with a single unit
- Connects to PC via Ethernet or optional Wi-Fi, to provide control, data download and real time display and analysis of data and results
- Test three geophone elements/strings or one three-component geophone
- Test one hydrophone, both acoustic and electrical performance
- Run wireline tests or performance tests on a single vibrator
- 8 Gigabytes of Data Storage, Expandable to 16
- All test data saved in non-volatile memory for later download and retrieval
- GPS based time and location saved for every test
- Stable and rugged unit for use in all situations and conditions



## Bird Dog 3 Systems

### Bird Dog 3-3 Geo-Test System

Includes:

- BD3 Unit
- Geo-Test Cable Set

Optional BD3-3 Features:

- VibQC Option
  - BD3-3 VibQC External Box
  - BD3-3 VibQC cable set
  - Two Independent Magnetic Accelerometers
- Hydrophone Test Option
  - Sound Tube
  - Audio Amplifier
  - Hydrophone Test Cable Set
- GPS Option

### Portable Bird Dog 3 Geo-Test System

Includes:

- Portable BD3 Unit
- Geo-Test Cable Set

Optional Features:

- Hydrophone test Option
  - Sound Tube
  - Audio Amplifier
  - Hydrophone Test Cable Set
- GPS Option

### Bird Dog 3-11VibQC System

Includes:

- BD3-11 Unit
- VibQC Cable Set

Optional BD3-11 Features:

- Wireline Cables Option
  - Supports 1 to 5 cables
- *Supports 1 to 7 Independent Accelerometers or Pressure Transducers*
- Geophone Test Option
- Hydrophone Test Option
  - Sound Tube
  - Audio Amplifier
  - Hydrophone Test Cable Set
- GPS Option



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