

Bird Dog 3



A QC Solution for Every QC Problem

Geophones, Hydrophones, and Vibroseis



**Bird Dog 3 -
3 channels**



**Bird Dog 3 -
11 channels**



Portable Bird Dog 3

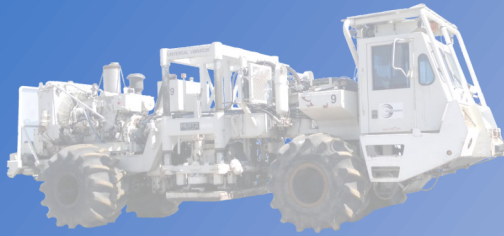


Zero Time Box



Bird Dog 3 - 3 channels

- Versatile Quality Control System
- Geophone Test
 - 3 entire strings at once
 - 1 three component sensor
- Hydrophone Test Option Available
- Independent VibQC Option Available



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

Bird Dog 3 - 11 channels

- 11 channel VibQC System, test a fleet of vibrators simultaneously
- Single channel geophone test
- Independent VibQC Option Available
- Hydrophone Test Option Available

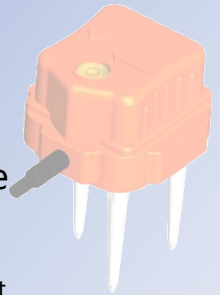


System includes: BD3 11 channel unit (with GPS, Ethernet and Power), Five 4-pin Wireline cables, VibQC Cable Set (with BNC Cables and connectors),



Bird Dog 3 - Portable QC

- Test Geophones where they are planted
- Imbedded Computer, Small lightweight and portable
- Geophone Test
 - 3 entire strings at once
 - 1 three component sensor
- Hydrophone Test Option Available



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

Bird Dog 3 - Hydrophone Testing

- Measures electrical performance of hydrophone
- Measures acoustic properties of hydrophone
- Included PC software utilizes MS Excel compatible interface for statistical analysis and report creation



System includes: Portable Bird Dog unit, Sound Tube, Audio Amplifier, plus cables

Bird Dog 3



Zero Time Box

- Quickly test Encoder and Decoder and blaster start times
- Compares recorder's encoder with five source decoders
- Microsecond accuracy between sources
- Includes internal and external power options

System includes: Zero Time Box, Battery Charger & External Power Cable.

Bird Dog 3 Systems

Bird Dog 3 – 3 Channel Unit

BD3-3 Geophone Test Option

- 55-pin Geophone Wiring Harness:
 - Tests one 3-Component Geophone
 - Tests three 1-Component Geophone Strings

BD3-3 55-pin Hydrophone Test Option

- Sound Tube
- Amplifier with cables
- Single channel hydrophone cable

BD3-3 55-pin VibQC Option

- BD3-3 VibQC External Box
- BD3-3 VibQC External Box cable
- BD3-3 VibQC cable set
 - Two 50 ft. BNC cables
 - Three 10 ft. BNC cables
 - Two BNC T-connectors

- Two magnetic accelerometers with cables

BD3-3 GPS Option

- GPS with 4-pin cable

Bird Dog 3 – 11 Channel Unit

BD3-11 Geophone Test Option

- 6-pin single Geophone Test Cable

BD3-11 Hydrophone Test Option

- Sound Tube

BD3-11 Hydrophone (continued)

- Amplifier with cables
- 6-pin single channel hydrophone cable

BD3-11 VibQC Option

- BD3-11 Vibrator Wireline cable set
- BD3-11 VibQC BNC cable set
- F3 Service Cable
- Two magnetic accelerometers with cables

BD3-11 GPS Option

- GPS with standard 9 pin D-sub cable

Portable Bird Dog

Portable BD3 Geophone Test Option

- 6-pin Geophone Wiring Harness:
 - Tests one 3-Component Geophone
 - Tests three 1-Component Geophone Strings

Portable BD3 Hydrophone Test Option

- Sound Tube
- Amplifier with cables
- 6-pin single channel hydrophone cable

Portable BD3 VibQC option

Not available for Portable BD3 unit

Portable BD3 GPS Option

- GPS with standard 4 pin cable
- Leakage Temperature probe