

# **Bird Dog 3**

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

**针对所有质量控制问题的解决方案**



**BD3 – 3 Channels**  
**Geophone Test Option**  
检波器测试选项



**BD3 – 11 Channels**  
**Vibrator Test Option**  
震源测试选项



**Portable Bird Dog 3**  
**In-Field QC Option**  
便携式野外 QC 选项



**Hydrophone Test Option -**  
**For Electrical & Acoustic Responses**  
水听器测试选项

# Bird Dog 3 – 3 Channels

**Versatile Quality-Control System** 通用质量控制系统

**Geophone Test – 3 channels at once** 检波器测试--3道立刻使用

**Hydrophone Test Option Available** 水听器测试--选项可用

**3 channel independent VibQC Option Available** 3道独立震源QC--选项可用



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

系统包括: Bird Dog 3 单元, 测试电缆, 电源线, 以太网线

# Bird Dog 3 – 11 Channels

**Test a Fleet of Vibrators at Once** 立刻测试一组震源

**11 channel independent VibQC System** 11道独立震源QC系统

**Geophone Test – 3 channels at once** 检波器测试立刻使用

**Hydrophone Test Option Available** 水听器测试选项可选



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

系统包括: BD3 11 道单元, 11 道标准电缆, 连线及震源 QC 电缆

# Bird Dog 3 – Portable QC

**Test Geophones where they are planted Imbedded Computer – Small, Lightweight & Portable 野外使用：纤小、轻薄、便携**

**Geophone Test – 3 channels at once 检波器测试立刻使用**

**Hydrophone Test Option Available 水听器测试选项可用**



System includes: Portable Bird Dog unit, GeoTest Cable, Ethernet Cable, Power Cables & Battery Charger  
系统包括：便携式 BIRD DOG 单元，测试线，以太网线，电源线，电池充电器

# Hydrophone Test Option

**Complete Hydrophone Test System 完整水听器测试系统**

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

**测试电声特性，可使用BD-3，BD-11及便携BD3**



System includes: Sound Tube, Audio Amplifier with cables, and Single Hydrophone cable (Bird Dog QC Unit Not Included)  
系统包括：声腔，音频放大器及电缆，单个水听器电缆（不包括 BD 单元）

## Bird Dog 3 General Specifications (技术指标)

- 32-bit, high speed, ADC chip for lower noise and increased accuracy (32 位告诉 ADC 芯片, 低噪, 高精度)
- Multiple modes with a single unit (一个单元多种模式)
- Connects to PC via Ethernet or optional Wi-Fi, to provide control, data download and real time display and analysis of data and results (以太网或 WI-FI 与计算机相连, 提供控制, 数据下载, 以及实时显示数据分析及结果)
- Test three geophone elements/strings or one three-component geophone (测试三个检波器或一个三分量检波器)
- Test one hydrophone, both acoustic and electrical performance (测试一个水听器全部电声特性)
- Run wireline tests or performance tests on a single vibrator (执行单个震源连接及功能测试)
- 8 Gigabytes of Data Storage, Expandable to 16 (8G 内存可扩展到 16G)
- All test data saved in non-volatile memory for later download and retrieval (所有数据存储在不挥发媒介, 以便后续下载及回收)
- GPS based time and location saved for every test (每个测试的 GPS 时间和位置存储)
- Stable and rugged unit for use in all situations and conditions (稳定坚固, 可使用在不同条件及环境中)

## Bird Dog 3 Systems

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

Includes:

- BD3 Unit (BD3 单元)
- Geo-Test Cable Set (测试电缆)

Optional BD3-3 Features: (可选特性)

- VibQC Option (震源 QC 选项)
  - BD3-3 VibQC External Box (外接口盒)
  - BD3-3 VibQC cable set (电缆)
  - Two Independent Magnetic Accelerometers (两个独立磁性加速度计)
- Hydrophone Test Option (水听器选项)
  - Sound Tube (声腔)
  - Audio Amplifier (音频放大器)
  - Hydrophone Test Cable Set (水听器测试电缆)
- GPS Option (GPS 选项)

### Portable Bird Dog 3 Geo-Test System

Includes:

- Portable BD3 Unit 便携 BD3 单元
- Geo-Test Cable Set 测试电缆

Optional Features: (可选特性)

- Hydrophone test Option (水听器选项)
  - Sound Tube 声腔
  - Audio Amplifier 音频放大器
  - Hydrophone Test Cable Set 水听器测试电缆
- GPS Option (GPS 选项)

### Bird Dog 3-11VibQC System

Includes:

- BD3-11 Unit (BD3-11 单元)
- VibQC Cable Set (震源 QC 电缆)

Optional BD3-11 Features: (可选特性)

- Wireline Cables Option
  - Supports 1 to 5 cables (支持 1-5 根电缆)
- Supports 1 to 7 Independent Accelerometers or Pressure Transducers (支持 1-7 个独立加速度计或压力传感器)
- Geophone Test Option (检波器测试选项)
- Hydrophone Test Option (水听器测试选项)
  - Sound Tube (声腔)
  - Audio Amplifier (音频放大器)
  - Hydrophone Test Cable Set (水听器测试电缆)
- GPS Option (GPS 选项)
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