



# HGS (INDIA) LIMITED



## SPECIFICATION SHEET – Uphole Simulator

### For testing **BOOM Boxes and Other Blasters** **UHS Features**

- Outputs both an analog geophone signal and a matching digital signal
- Small and Rugged, use anywhere
- Simple to use, only two connections
- Convenient carrying case
- Battery powered, runs on 4 AA batteries
- Works with the Original Boom Box, Boom Box 3, Shot Pro, Shot Pro II, and Shot Pro HD

### **Uphole Simulator**

The Uphole Simulator is the tool for testing a dynamite blaster in the shop or field. Quick and easy, the UHS unit connects to the high voltage output of the blaster and the uphole geophone input.

The UHS sinks the output voltage from the blaster. As it receives the charge, it counts down 30 milliseconds and then outputs a waveform, simulating the signal the blaster might receive from an actual geophone.

After another 32 milliseconds, the UHS outputs a second signal. This signal is a square wave and simulates a digital response.

The Power button activates the UHS, and the unit returns to Sleep Mode after a couple minutes to save battery power.

### **Uphole Simulator**



Test in the Field



Anywhere, anytime

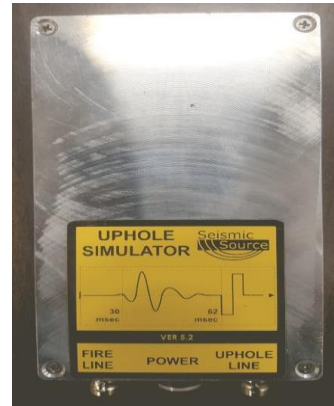


Save time and data



### Operations

- Connect Fire Line to the blaster high voltage lines.
- Connect Uphole Line to the blaster uphole geophone lines.
- Power button turns on the simulator. The power button flashes constantly when powered up.
- Fire the blaster. The simulator will issue a waveform at 30 milliseconds and a square wave at 62 milliseconds.



### System Includes

- Uphole Simulator
- Cap and geophone connection cables
- Carrying case



*Uphole Simulator connected to Boom Box 3*



<b>Uphole Simulator Specifications</b>	
Internal Power	6 volts (4 AA batteries)
Operating Temperature	32 to 160 degrees F
Size	6.5 x 1.5 x 1.125 inches
Weight	1.12 lbs

<b>Ordering Information</b>	
<b>Item Description</b>	<b>HGS Part No.</b>
Uphole Simulator	MK000591

*Version 1.0*



HGS (INDIA) LIMITED  
158, Sector-4, IMT Manesar, Gurugram-122050, Haryana, INDIA  
Tel: +91 (0124) 4681800 | Fax: +91 (0124) 4681845  
Email: [sales@hgsindia.com](mailto:sales@hgsindia.com) | Website: [www.hgsindia.com](http://www.hgsindia.com)

