



## Rigwire Quick Setup Instructions and Checklist

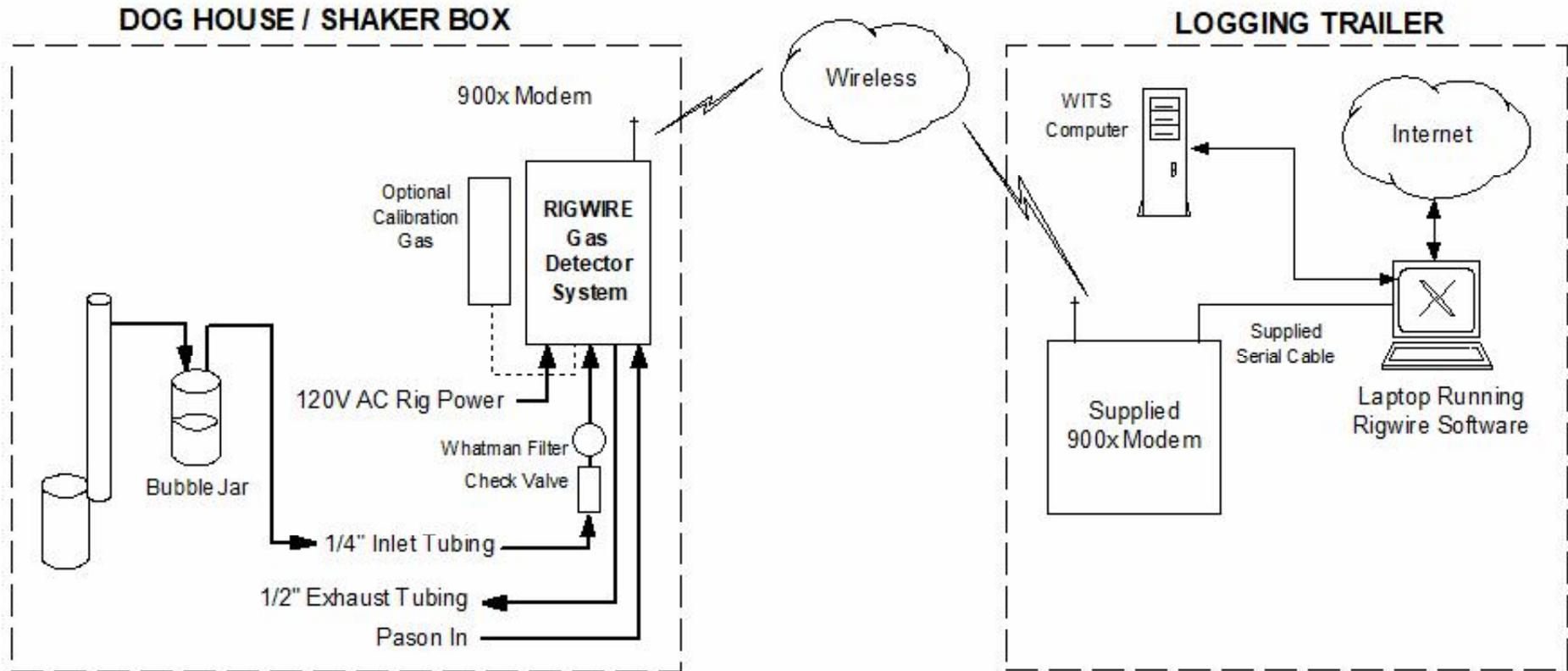
### AT THE SHAKER:

1. Place the Rigwire instrument close to the shaker or environment where the sample mud is being agitated by the extractor. The Rigwire has a built in folding bracket to allow for quick and easy mounting on a common hand rail.
2. Run the supplied power cord from the Rigwire to the nearest 120V AC (mains) compatible outlet. The Rigwire should power up and start running. You should quickly get a **blinking or solid green light** on the side when it boots up. The Rigwire will now start to warm up. Operating temperature of the Rigwire instrument is 90 degrees F when stable.
3. Attach the 1/2 inch x 4 ft. exhaust tubing to the Rigwire and allow it to hang down. The exhaust line must always run down and never up. This allows for any condensate to be expelled from the instrument.
4. Run the 1/4 inch tubing from the extractor through a bubble jar at the extractor. Then run the 1/4 inch tubing to the bottom of the supplied check valve and Whatman filter set. The Whatman filter set is then connected to the inlet of the Rigwire instrument. The Whatman filter is closest to the Rigwire Instrument.
5. If supplied, connect the 10 pin Pason connector to the Rigwire Instrument.
6. If supplied, attach and screw on the demand regulator to the calibration gas tank attached to the side of the Rigwire instrument and then connect the small supplied tubing from the demand regulator to the sample gas inlet on the bottom of the Rigwire instrument. This will allow the Rigwire instrument to calibrate on demand.

### AT THE TRAILER:

7. When in operation, the Rigwire will constantly transmit real-time data to the Rigwire Receiver (supplied). The receiver is a small black box with connectors for an antenna, power supply and serial cable. Set this small black box close to the laptop or other computer that will communicate to the Rigwire instrument. The Black box also has indicator lights to show its status as well.
8. NOTE: When the Rigwire instrument is connected wirelessly to the Rigwire software, **the Green light indicator on the Rigwire instrument will go from blinking to solid.**
9. Place the (supplied) magnetic mount antenna outside on a horizontal (flat) ferrous metal surface and run the attached coaxial cable to the antenna port to the supplied Rigwire 900x modem and attach firmly.
10. Connect the (supplied) wall wart style low voltage power supply to a local 120V AC power supply and the Rigwire receiver box.
11. Attach the (supplied) USB A to USB B serial cable provided from the Rigwire's modem connector to the computer's USB port.
12. Install the Rigwire software program from RIGWIRE.COM onto the local computer.

## TYPICAL RIGWIRE SETUP



The Logger would connect to the Rigwire through the supplied Modem. The WITS computer would connect to the laptop through a simple USB to Serial adapter. The Rigwire software would receive and send WITS information and also receive the data from the Bloodhound.

Alternatively, the Rigwire can send and receive WITS information through the 10 pin Pason RS422 Cabling.