

TSU1000M Remote Sensor Setup Instructions



The power of data. **Optimized.**

Connect Battery Pack and Test Connection

- 1 For tank farm systems with a gateway, set up gateway before connecting battery pack.

Select a spot near tank you are installing.

To power up TankScan Monitor unscrew enclosure cover. Connect battery pack cable to connector on circuit board as shown.

Reinstall cover and hand tighten firmly.

Monitor will wake up and sound 1 beep. Then a second single beep will follow, with a third single beep for data transmission. 3 single beeps indicates a good connection was made.

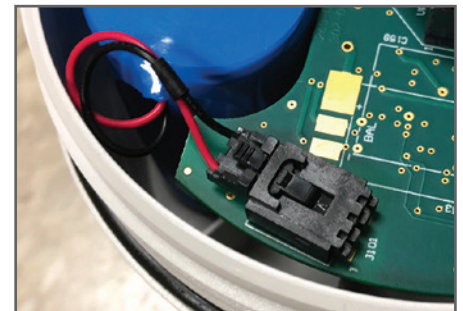
If more than 3 single beeps were heard, please contact technical support at 877-847-7226 or CCT@TankScan.com.

If 3 single beeps are confirmed, then proceed as follows.

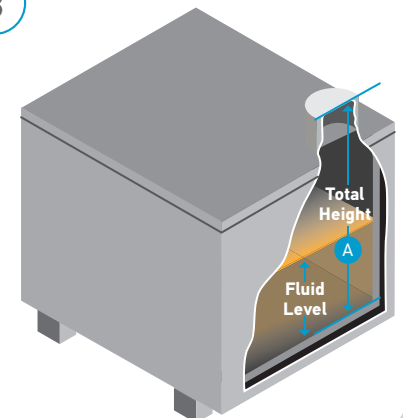
 **Caution. Use only ATEK provided battery pack part # TSTRB01000.**



1



3



Take Measurements

- 2 Remove any equipment from tank port to be used by sensor if present.
- 3 Measure tank height from inside bottom of tank to top of tank port and to top of fluid level in tank. Record these measurements and report them to CCT.

NOTE: If your monitor came with a stilling tube, install that now, follow included instructions.

Tank Height: _____

Fluid Level: _____

TSU1000M Remote Sensor Setup Instructions



The power of data. **Optimized.**

Mount the TSU Monitor

- 6 Screw TSU monitor into magnetic mounting base.
- 7 Remove washers attached to magnetic feet of mounting base by pulling them across the magnet's face. Take caution as these magnets are powerful.
- 8 Attach TSU monitor onto tank in location free from harm.

NOTE: Magnetic feet will wobble to accommodate different sized tanks. However, magnetic feet are tightly secured and will not come loose. This will also cause TSU monitor to move around once mounted.

Startup TSU Monitor

- 9 Screw sensor into tank port or stilling tube until tight.
 - Seal pipe threads of sensor using product appropriate for this application prior to tightening into tank port.
- 10 Connect 90° female end of sensor cable into connector on top of sensor and finger tighten only.
- 11 Connect straight male end of sensor cable into connector on TSU monitor and finger tighten only.
- 12 Locate triangle indicator on outside of TSU monitor. Using magnetic end of screwdriver, swipe along rim above indicator until a beep is heard.
- 13 Use included zip ties to secure sensor cable and prevent cable from hanging and reduce slack.
- 14 Call 800-523-6996 and ask for TankScan Technical Support after swiping monitor to complete monitor setup.

Note: Step 14 must be completed for the unit to function.

7



10



11



12



223-0176-001 Rev. C 9/20

ATEK Access Technologies
10025 Valley View Road, Ste. 190
Eden Prairie, MN 55344 U.S.A.

PH: 1.800.523.6996
FAX: 1.800.589.3705
+1.218.829.9797

www.atekaccess.com



Access the power of technology.