



# Scully Mobile Truck Tester

## Tank Truck Overfill Prevention System Diagnostics



**Scully Mobile Truck Tester Kit**

### DESCRIPTION

The Scully Mobile Truck Tester (MTT) is a new, self-contained solution to verify and troubleshoot the operation of your fuel delivery fleet. It includes functions to verify the status of the overfill sensors, ball, bolt or resistance ground and truck identification number. Within minutes of connecting the MTT to a truck socket, the system test is complete and the tank truck status is displayed. The MTT is a beneficial tool for fleet and terminal managers,

truck manufacturers, and repair shops. Use it to test fleets before daily routes, ensure trucks waiting in queue are ready to load, quickly validate your equipment is functioning correctly, and help troubleshoot issues.

The MTT is compatible with the Scully Intellicheck® Monitor series, Load Anywhere, independent Scully Optic 2-Wire and 5-Wire Sensors, and T.I.M.

### FEATURES AND BENEFITS (MTT 1000 Tester)

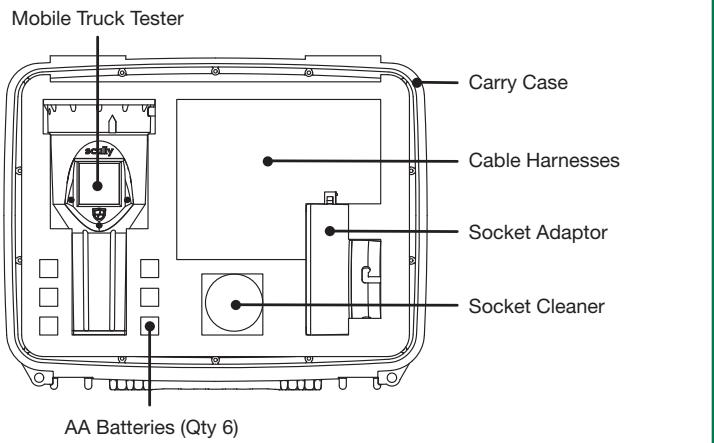
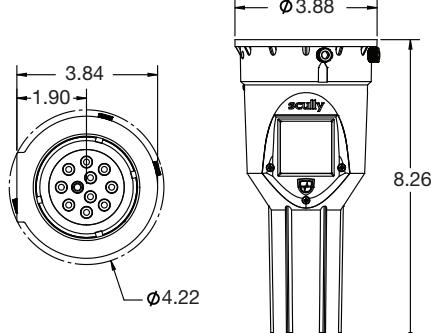
- Comprehensive Testing:** A simple tool to assess overfill, ground verification, and truck ID.
- Versatile Applications:** Ideal for tank truck carriers, independent repair shops, and terminal managers who prioritize efficient and safe operations during petroleum and oil product loading.
- Approved for Hazardous Locations:** To be used safely in Zone 2 and Class 1 Zone 2 areas with an Intrinsically Safe Interface to the socket.
- Single-Person Operation:** Use the MTT app with a phone or tablet to conduct wet tests solo (no need for a second person to assist).

- Easy Access to the Truck ID:** Available during system test on the tester or triggered manually via the app.
- Single Sensor Test:** Utilizing the accessory kit enable users to test single sensors and sensor holders to isolate system problems.
- All-In-One Tester:** Two and five wire overfill systems, standalone sensors, ground and TIM ID, multiple J-slots, all packaged in one device.
- Ergonomic Design:** Small but rugged, light weight, easy to handle tester to carry in a harden case, to get the job done when needed.

### FEATURES AND BENEFITS (Tester Application)

- User-Friendly Digital Application:** The first-of-its-kind application in the industry is intuitive, easy to use, and supported on both IOS and Android devices.
- Archive Test Results:** Having the ability to store test logs for historical reference.
- App Provides Detailed Wet-Test Fault Modes:** Enabling faster troubleshooting and repair.

- Test Report Results:** An easily understood table listing test results that can be shared with customers removing ambiguity of testing.
- Backup And Restore Capability:** Used when transitioning devices and wanting to keep the same configuration and historical logs with limited complexity.



## TECHNICAL SPECIFICATIONS

**Input Power:** Duracell Coppertop MN1500 AA batteries (6.7 – 9.9 volts DC). Mandatory to meet certification approvals.

**Battery Access:** Remove 3 screws from the cap of the cone tester

**Operating Time on New Batteries:** 6 – 12 months on average use

**Maximum Number of Compartments:** 12

**Operating Temperature Range:** -4°F - +132 °F (-20°C to +50°C)

**Storage Temperature Range:** -40°F - +140 °F (-40°C to +60°C)

**Weight with Batteries Installed:** 1 lb 4 oz (567 g)

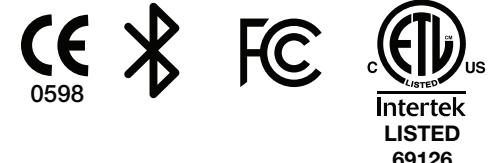
**Display:** LCD, 2" (50cm)

**Radio Approvals:** FCC, ISED, EU Union Radio Equipment Directive (RED), EMC

### Approvals:

**ATEX (EU):** Ex II 3 (1) G Ex ic [ia Ga] IIB T4 Gc  
-20°C < Tamb < +50°C IP54

**IEC:** Ex ic [ia Ga] IIB T4 Gc  
-20°C < Tamb < +50°C IP54



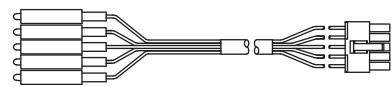
## ORDERING INFORMATION

### ■ (OS) STANDARD OPTICAL SENSOR KIT.

Includes Two (2) Harnesses for 2 and 5-Wire Sensors (NA & EU).

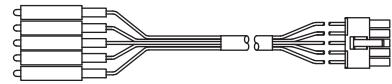


Cable Assembly, 2-Wire, Ground/TIM



Cable Assembly, 5-Wire EU

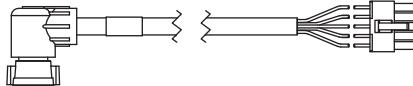
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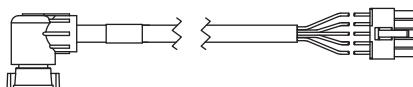
Cable Assembly, 5-Wire NA

### ■ (SC) SCULLY CONNECT KIT.

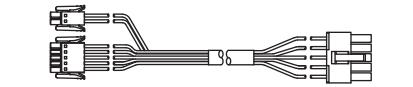
Includes Four (4) Harnesses for 2 and 5-Wire CONNECT® Cap, and Direct Sensor.



Cable Assembly to CONNECT, 5-Wire



Cable Assembly to CONNECT, 2-Wire



Cable Assembly to CONNECT



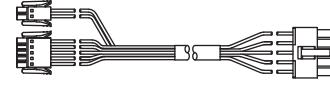
Cable Assembly, 2-Wire, Ground/TIM

### ■ (CP) SCULLY CONNECT PLUS KIT.

Includes Three (3) Harnesses for 2 and 5-Wire CONNECT® PLUS Cap, and Direct Sensor.



Cable Assembly to CONNECT PLUS



Cable Assembly to CONNECT



Cable Assembly, 2-Wire, Ground/TIM

### ■ (UL) UNIVERSAL KIT.

Includes all Three (3) Cable Kits Above.

The Model Number Scheme also includes:

#### (A) ADVANCE BLUETOOTH MODE

#### (HA) HAZARDOUS AREA APPROVAL

\*MODEL NUMBER EXAMPLE: MTT 1000 A-HA-OS

Description	Part Number
MTT 1000 A-HA-OS Tester KIT with Standard Optical Sensor Accessories	092005121
MTT 1000 A-HA-SC Tester KIT with Scully CONNECT™ Accessories	092005122
MTT 1000 A-HA-CP Tester KIT with Scully CONNECT™ Plus Accessories	092005123
MTT 1000 A-HA-UL Tester KIT with Three Accessories Listed Above	092005124
MTT 1000 A-HA-HC Tester Only in Hard Case	092005125

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