

## SierraTrak™ 625S

This Quick Start Guide for the SierraTrak™ 625S Thermal Mass Flow Meter gives easy set up and installation instructions. For complete instructions, please download and read the SierraTrak 625S Instruction Manual.

**IMPORTANT! Before installing meter, follow the steps below**

**↓ Step 1. Download Instruction Manual**

To get technical information, download to the SierraTrak 625S Instruction Manual and the Smart Interface Portal (SIP) Software Manual at [sierrainstruments.com/sierratrak-manual](http://sierrainstruments.com/sierratrak-manual)

**Step 2. Download FREE Software – (Optional)**

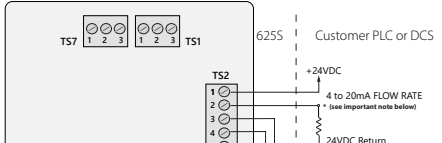

Download the most current SierraTrak 625S product software at [sierrainstruments.com/trakview-software](http://sierrainstruments.com/trakview-software). Use the included cable (if ordered) to connect the meter to your computer.


**● Important.** If you do not have an internet connection, you must download the software to a USB stick or other storage device.



**! NOTE!** Please read the entire quick-start procedure before beginning installation.

1.	Record inside diameter (ID). Ensure the actual pipe ID matches the pipe ID shown on the factory calibration certificate. If IDs do not match, refer to "Pipe Diameter" in the SierraTrak 625S manual on page 58.	
2.	Record up/downstream straight-pipe requirements based on Pipe ID. Sierra recommends a minimum of 15 pipe diameters of upstream straight-run and 10 pipe diameters of downstream straight-run. Refer to p. 19 in the SierraTrak 625S manual.	
3.	The Flow Direction Indicator must point in the direction of flow.	
4.	Ensure correct probe depth setting. If using 1 1/2" pipe size, please see note on p. 23 in the SierraTrak 625S manual.	
5.	Ensure power wiring properly connected.	

6.	Verify you have the proper output signal wiring [refer to p. 30 for more information] the SierraTrak 625S manual.	
7.	Power on the flow meter.	
8.	Check the remaining flow meter settings by accessing the meter settings either through the front panel of the display or by using the SierraTrak 625S View™ software tool. Record the settings in the spaces given for items A - E on the table below.	

 Before powering on your meter, use this worksheet to record your notes.

	<i>Item to verify</i>	<i>Serial Number:</i>	<i>Serial Number:</i>	<i>Serial Number:</i>	<i>Serial Number:</i>
1.	What is the Pipe ID?	ID =	ID =	ID =	ID =
2.	Calculate the Upstream/Downstream straight-pipe requirements	UP = DN =	UP = DN =	UP = DN =	UP = DN =
3.	Is the flow indicator pointed in direction of flow?	Y / N	Y / N	Y / N	Y / N
4.	Is the probe depth setting correct?	Y / N	Y / N	Y / N	Y / N
5.	Verify proper power wiring				
6.	Verify proper input/output wiring				

After powering on your meter, check items A - F below by accessing the meter settings either through the front panel of the meter's display or by using the SierraTrak 625S View™ software tool.

A.	Which flow units have been set in meter? (SCFM, KG/H, etc..)				
B.	Correct values for reference temperature and pressure?	Y / N	Y / N	Y / N	Y / N
C.	Confirm the pipe ID listed above corresponds to the correct cross-sectional pipe area value (Pipe A <sup>2</sup> ).				
D.	Verify the first 4mA and 20mA output settings	4mA = 20mA =	4mA = 20mA =	4mA = 20mA =	4mA = 20mA =
E.	Verify the second 4mA and 20mA output settings	4mA = 20mA =	4mA = 20mA =	4mA = 20mA =	4mA = 20mA =