



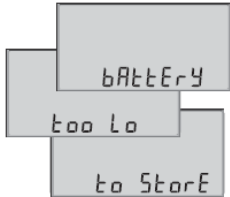


Signet

3-8150 Flow Meter Troubleshooting Guide

Display Condition	Probable Cause	Suggested Solutions
	Batteries are dead or missing	Replace both batteries.
	The flow rate is greater than "9999"	<ol style="list-style-type: none"> 1. Reduce the flow rate. 2. Change the Timebase to a smaller value. (Example: Change from "Day" to "Hr".) 3. Change the flow units to a larger measure. (Example: Change from "Liters" to "Gallons".). NOTE: If the Flow K-factor is changed, be sure to make a corresponding change to the TOTAL K-factor.
	8150 is not receiving a signal from the flow sensor.	<ol style="list-style-type: none"> 1. There is no flow in the pipe. 2. Flow sensor is not turning due to blockage or damage. 3. Sensor wiring is loose or incorrect.
	In AutoCal, the calculated K-factor is outside the range of the 8150. (less than 0.001 or greater than 99999)	Press RIGHT key to start Auto CAL procedure again. <u>Make sure that the flow rate entered is accurate.</u>
The flow rate display is erratic and non-linear	Usually caused by inadequate straight pipe run upstream of sensor.	<ol style="list-style-type: none"> 1. Correct piping layout to provide more straight pipe upstream of sensor. 2. Set the SPEED to higher setting to average out the fluctuations caused by piping conditions. (see Speed, section 14)
	Both batteries are too depleted to safely store settings.	Replace battery #1, then replace battery #2.