

# AMTAST Turbidity Meter

## How to Use & Calibrate

Step	To Calibrate	To Use
1	QUICK Press the upper center POWER/CAL button. Once 'STBY' is on screen, press and hold down for 3 seconds the POWER/CAL button. This will take you into calibration. You should see 'Cal 1' in the lower left corner of the screen	After rinsing 3 times, fill an empty sample vial with stormwater. Invert 3 times and place in AMTAST meter.
2	Start with 0 NTU cal vial and invert slowly 3 times.	QUICK Press POWER/CAL button to turn on. Press the READ button. Turbidity number appears within 10 to 15 seconds.
3	Insert 0 NTU vial into AMTAST meter. Match black bump with gray triangle.	Record number on datasheet, remove and empty the vial.
4	Press READ button and wait until 20.0 appears.	Repeat the process for all outfalls.
5	Replace 0 NTU with 20 NTU and press READ button. Cal symbol should blink. Wait until 100 appears.	To turn off, QUICK press POWER/CAL button.
6	Replace 20 NTU with 100 NTU and press READ button. Cal symbol should blink. Wait until 800 appears.	After the sample session, rinse out all sample vials and caps with a dilute mixture of water and DAWN dish soap. Let air dry.
7	Replace 100 NTU with 800 NTU and press READ button. Cal symbol should blink. Wait until STBY appears.	
8	Remove 800 NTU vial. Screen should read 'STBY' which indicates it is ready to take a reading.	
<p><b>NOTES</b></p> <ul style="list-style-type: none"> <li>• Buttons are dual use related to length of press.</li> <li>• Quick button peck are required for these procedures.</li> <li>• Press and hold the button to invoke alternate button function, like changing units from NTU to another measurement unit. <b>No procedures here require press and hold.</b></li> <li>• If meter fails to work as expected, turn it off then on again. Likely a button is pressed and held instead of pecked.</li> </ul>		