0-1 NTU TESTING GUIDE

» Calibrate meter with 1 NTU Standard.
» Select Options: NTU (EPA) or FNU (ISO), Formazin and Averaging/ 5 measurements.
» Use wall or USB adapter. Averaging option uses more power.
» Read manual before testing.
» To change Options refer to manual.
» For the most accurate results, follow the Tips.

CALIBRATION	
1.	Press ⏻ to turn meter **on**.
2.	Select **Measure**.
3.	Select **Turbidity – With Blank**.
4.	**Rinse** a tube three times with **0 NTU Standard** or turbidity-free water. **Fill** the tube to the line with 0 NTU Standard or turbidity-free water. **Cap** the tube. This is the BLANK.
	Tip: Use a clean, smudge-free, scratch-free tube. Do not use a tube or cap that was used for high turbidity standards.
5.	**Wipe** the tube thoroughly with a lint-free cloth.
	Tip: Surround the tube with a clean, lint-free cloth. Press the cloth around the tube. Rotate the tube three times in the cloth to assure that all areas of the tube have been wiped.
6.	Insert the tube into the chamber. Close lid. **Scan Blank**. Remove the tube.
	Tip: Align the index line on the tube with the index arrow on the meter. Tip: After scanning the blank, scan the blank again as a sample. It should read 0.00. If not, reblank the meter and scan the blank again. Repeat until it reads 0.00. A small negative number will be observed if the reading is slightly less than the reading used as the blank. This is expected due to minute variations between readings.
7.	**Empty** the tube. **Rinse** the same tube three times with the **1 NTU Standard**. **Fill** the tube to the line with 1 NTU Standard. **Cap** the tube.
	Tip: For the most accurate results, the same tube should be used for the Blank, 1 NTU Standard and the Sample to eliminate error caused by tube to tube variation. Tip: Fill the tube slowly, pouring down the inside wall of the tube to avoid introducing bubbles.
8.	**Wipe** the tube thoroughly with a lint-free cloth.
9.	Insert the tube into the chamber. Close the lid. **Scan Sample**.
	Tip: Scan the Sample three times, removing the tube from the chamber after each scan. The readings should be consistent. Use the last consistent reading to calibrate the meter.
10.	Press ∨ . Select **CALIBRATE**.
11.	Press ∧ or ∨ to change the turbidity reading on the display to read **1.000**.
12.	Press ENTER to set calibration.
13.	Proceed to Analysis.

ANALYSIS (following calibration procedure)	
1.	Press  to turn meter **on.**
	Tip: Meter should have been calibrated with 1.0 NTU Standard.
2.	Select **Measure**.
3.	Select **Turbidity – With Blank**.
4.	**Rinse** a tube three times with **0 NTU Standard** or turbidity-free water. **Fill** the tube to the line with 0 NTU Standard or turbidity-free water. **Cap** the tube. This is the BLANK.
	Tip: Use a clean, smudge-free, scratch-free tube. Do not use a tube or cap that was used for high turbidity standards.
5.	**Wipe** the tube thoroughly with a lint-free cloth.
	Tip: Surround the tube with a clean, lint-free cloth. Press the cloth around the tube. Rotate the tube three times in the cloth to assure that all areas of the tube have been wiped.
6.	Insert the tube into the chamber. Close lid. **Scan Blank**. Remove the tube.
	Tip: Align the index line on the tube with the index arrow on the meter. Tip: After scanning the blank, scan the blank again as a sample. It should read 0.00. If not, reblank the meter and scan the blank again. Repeat until it reads 0.00. A small negative number will be observed if the reading is slightly less than the reading used as the blank. This is expected due to minute variations between readings.
7.	**Empty** the tube. **Rinse** the same tube three times with the **Sample**. **Fill** the tube to the line with Sample. **Cap** the tube.
	Tip: For the most accurate results, the same tube should be used for the Blank, 1 NTU Standard and the Sample to eliminate error caused by tube to tube variation. Tip: Fill the tube slowly, pouring down the inside wall of the tube to avoid introducing bubbles.
8.	**Wipe** the tube thoroughly with a lint-free cloth.
9.	Insert the tube into the chamber. Close the lid. **Scan Sample**.
10.	**Record** the result.

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