DustTrak Datalogging Setup

To enable datalogging on a DustTrak you must set the instrument to run in either manual mode or set up an auto-run study. These instructions apply to any model desktop or handheld DustTrak. **The instrument will not save any data to its memory if it is left in survey mode.**

1. Start by turning on the DustTrak. The instrument will take a few moments to warm up and open the main screen.
2. After the main screen is displayed, touch the "RunMode" tab at the bottom of the screen.
3. On the "RunMode" screen you will see two drop down menus. Touch the top menu to expand the menu then touch "MANUAL" to set it to the manual run mode.
4. After selecting manual mode from the first drop-down menu, the second drop-down menu will expand. Touch "Test Length" to adjust how long the instrument will run before stopping itself.
5. Three boxes will appear below the drop-down menus. Use the up and down arrow buttons next to the day, hour, and minute fields to set a test length. Touch the [Save] button to save the run time.
6. After pressing save, the second drop down menu opens again. Touch "Log Interval" to set how often the instrument will record the readings displayed on the screen.
7. Two boxes will appear below the drop-down menus to adjust the logging interval. Touch the up and down arrows to adjust the minute and second then press the [Save] button to save your logging interval.
8. After pressing save, the second drop-down menu opens again. Touch "Time Constant" to adjust how often the instrument updates the readings displayed on the screen. **This setting will not affect logged data, only how often the instrument updates the readings displayed on the screen.**
9. After touching "time constant" a box will appear below the drop-down menus to adjust the time constant. Touch the up and down arrows next to the box to adjust the number of seconds. After setting the time constant press the [Save] button to save the settings.
10. Return to the main readings screen by touching the tab labeled "Main" at the bottom of the screen. When you press start, the instrument will run, log data and stop itself based on the setup options you have set.

For Auto-run setup instructions please refer to chapter 3 of the user manual under "Log Mode (1-5)".