## SENSIDYNE NEPHELOMETER SOFTWARE GUIDE

80570-9801, REV A



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## **1 Setting Environmental K-Factors**

- 1. Open the Sensidyne Nephelometer software
- 2. Click on the Library tab located at the top
- 3. Select the first item, AZ Road Dust, and press the Edit button.
  - a. For profile name put "PM 2.5"
  - b. For environmental factor put "0.5"
  - c. Press Save

Sensidyne Nephelometer		- 0 ×	
Device	Library		
Environment Library	Environment Profie		
01: AZ Road Dust	Profile Name PM 2.5		
	Environmental factor 0.5		
U2: Limestone	Description		
03: Coal Fly Ash			
04: Blank			
05: Blank			
06: Blank			
07: Blank			
08: Blank			
09: Blank	_ 2 _ 5		
10: Blank	Edit Save	Cancel	
1.0.11.9047   1 Unit Connected:			

- 4. Select the second item, Limestone, and press the Edit button
  - a. For profile name put "PM 10"
  - b. For environmental factor put "1.0"
  - c. Press Save



- 5. Select the third item, Coal Fly Ash, and press the Edit button
  - a. For profile name put "TSP"
  - b. For environmental factor put "1.0"
  - c. Press Save

Sensidyne Nephelometer		
Device	Library	
Environment Library	Environment Profile	
01: PM 2.5	Profile Name TSP	
	Environmental factor	
02: PM 10	Description	
03: Coal Fly Ash		
04: Blank		
05: Blank		
06: Blank		
07: Blank		
08: Blank		
09: Blank	2 5	
10: Blank	- Edit Save	Cancel
1.0.11.9047 1 Unit Connected		

- 6. Under the Device tab, click the Profile tab
- 7. Select the first profile, AZ Road Dust, and delete it by pressing the Delete button

🔄 Sensidyne Nephelometer	x
Device Library	
J8864-V1.1.0-Manual	
Data Profile Calibration Utility Alarm	
□ Profile Set2	
Bin AZ Road Dust ⊕ Linescone	
🖶 - Coal Fly Ash 👜 - PSL Spheres	
3	
Show Library Aug Up Down Delete	
Connected Device	
J8864 V1.1.0	
Manual	
1.0.11.9047 1 Unit Connected	

- 8. Select the second profile, Limestone, and delete it by pressing the Delete button
- 9. Select the third profile, Coal Fly Ash, and delete it by pressing the Delete button

10. There should be no profiles under Profile Set

Sensidyne Nephelometer	
Device Library	
38864-V1.1.0-Manual	
Data Profile Calibration Utility Alarm	
Profile SetModified	
Show Library Add Up Down Delete S	etUp Device
Connected Device	
19964	
VI.1.0	
1.0.11.9047 1 Unit Connected	.::

11. Press the Show Library button



12. Select the first Environment, PM 2.5, and press the Add button. This will add the environment to the Profile Set

🔄 Sensidyne Nephelometer	
Device	Library
01: PM 2.5 02: PM 10 03: Coal Fly Ash	J8864-V1.1.0-Manual Data Profile Calibration Utility Alarm Profile SetModified PM 2.5  Hide Library Add op Down Delete SetUp Device Connected Device J8864 V1.1.0 Manual
1.0.11.9047 1 Unit Connected	

13. Select the second Environment, PM 10, and press the Add button. This will add the environment to the Profile Set



14. Select the third Environment, TSP, and press the Add button. This will add the environment to the Profile Set

🔄 Sensidyne Nephelometer		
Device	Library	
Environment Library	J8864-V1.1.0-N	anual
01: PM 2.5	Data Profile	Calibration Utility Alarm
02: PM 10		5
03: TSP	- Connected De J8864 V1.1.0 Manual	Add Up Down Delete SetUp Device
1.0.11.9047 1 Unit Connected		
1.0.11.9047   1 Unit Connected		

15. Once you've added all your environments, hide the library tab. All three environments should be in your Profile Set



16. Press the "Setup Device" to send the new environments and K-factors to the nephelometer

