

# Install Protocol for DataMaster DMT

June 30, 2006

This protocol will be available as an option under the Technician level password.

- Installation
- Calibrate
- Perform Certification
- Etc (All other tests we would like under Technician Password)

Technician will select the option for Installation

1) Replace Simulator Solution  
Press enter when complete

2) Enter Actual value of Simulator Solution  
0.XXX % wt/vol

*Instrument will calculate a  $\pm 5\%$  acceptance criteria from the actual value.*

3) Enter Technician Name

John Q Smith

4) Does site meet the specifications in doc #XXX?

- Yes
- No *Install will abort if No is selected*

*This box should respond immediately to a "NO" answer. 40 character max.*

Reason for noncompliance      ex) site under construction

5) Enter Location Identification

Burlington PD

*Instrument will now remain idle while 30 minute Timer counts down to zero*

## 6) Running Diagnostic Check

*Diagnostic check will begin automatically when 30 minute timer is at 00:00. This will be a message requiring no action from the technicianr.*

## 7) Running Supervisor Test

*Supervisor Test will begin when Diagnostic Check is complete. This is also a message requiring no action from the technician. 5 replicates of the simulator solution will be performed. Average concentration must be within range generated in step 2. Standard deviation must be between 0 and 0.0022 for acceptable test. A standard deviation of greater than 0.0022 or an average outside of acceptable range will result in a failed Installation, protocol will be aborted with a message indicating the reason.*

## 8) Sample Acceptance Test

Press Enter when Ready

## 9) Provide Shallow Breath

## 10) Provide Intermittent Breath

## 11) Perform Suck Back Test

## 12) Provide valid Alcohol Free Test

*Each breath instruction will display on screen for 15 seconds. Technician may work at their own pace. Test sequence is complete when a valid alcohol free test is obtained.*

*The valid test must meet all requirements of a subject sample to be deemed acceptable. A test of 0.002 or higher should generate a message indicating that the technician try again. If on the second test, the result is still not acceptable this will result in a failed installation and the protocol will abort with the reason displayed.*

13) Did Instrument Pass All Sample Acceptance Checks?

- Yes
- No

*This box should respond immediately to a "NO" answer. 40 character max. After reason is entered, instrument should go Out of Service.*

Reason for Failure? Ex) Instrument allowed shallow breath.

14) Entries Made in All Logs?

- Yes
- No

*At the completion of the Installation a form should print showing all information noted above as well as options, results and graphs of all tests.*

*The bottom of the form should have several lines available for Comments and a line where the technician can sign and print his/her name with the date.*

*The Header should include the Health Department seal on the upper left with the following information centered in the Header:*

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