

Drexel

**Master Fume™
Calculator**

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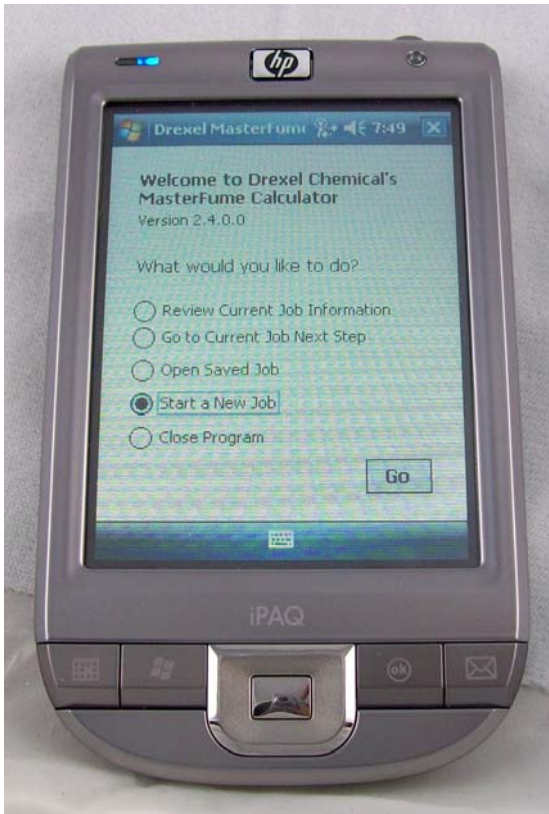
1. **OPENING the Master Fume™ Calculator PROGRAM**

To power on, press and hold the top button on the right hand side of the PDA for approx. 2 seconds or until the screen is displayed. Once powered on, tap the “START” in the upper left hand corner. Next you will locate the “MASTER FUME CALCULATOR”. Tap the MASTER FUME CALCULATOR shortcut.



You will now be on the Welcome screen that asks, “WHAT WOULD YOU LIKE TO DO?”

The first time the program is opened or when all saved jobs have been deleted, only the “START A NEW JOB” or “CLOSE PROGRAM” will be available.



2. **STARTING A NEW JOB or OPENING A SAVED JOB.**

Select “START A NEW JOB” and “GO”. A job number will be created and shown at the top of the screen. Next you will enter your customer’s information. (The customer name and address are required fields to be able to access the next field.) Enter in the customer information and click “NEXT”.

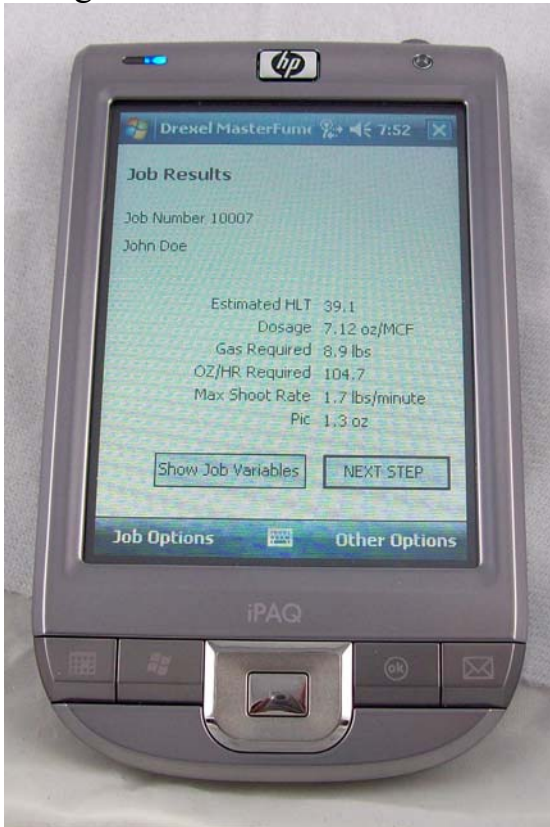
3. **ENTERING THE JOB VARIABLES**

You will now be in the 12 steps of the job variables. Enter in the desired variables followed by “NEXT”.

1. Dosage: 1-10 dependent upon label rate for target pest. Default is 1.
2. Tarp Condition: Excellent to Poor. Default is Excellent.
3. Seal Condition: Excellent to Poor. Default is Excellent.
4. Wind Speed: 0-25, in miles per hour. Default is 0.
5. Volume: 1-5000 mcf. Default is 20.
6. Underseal: Slab/ Clay/Loam/ Sandy Loam/ Sand. Default is Slab.
7. Temperature: 40°-100°. Default is 68°.
8. Exposure: Hours of exposure (2-72). Default is 24 Hours.
9. Humidity: Relative Humidity from 10%-95%. Default is 40%.
10. Amps: The Amps per Fan (1-10). Default is 1.
11. Pic Rate: 1oz. per 10,000-15,000. Default is 15.
12. Monitor Job: Yes or No. Default is No.

4. **VIEWING FUMIGANT and CHLOROPICRIN REQUIREMENTS.**

Once the job variables have been entered and “NEXT” is selected from the Monitor Job screen, the calculator will calculate the required information for the fumigation:



5. **EDITING JOB VARIABLES ENTERED**

From this point you can view the variables that were entered for the current job by selecting “SHOW JOB VARIABLES,” or you can edit the variables entered by selecting “JOB OPTIONS” on the bottom left of the screen and selecting “EDIT JOB VARIABLES” and correcting the needed variables to recalculate the dosage for the job.

You can now shoot the job using the information provided by the calculator.

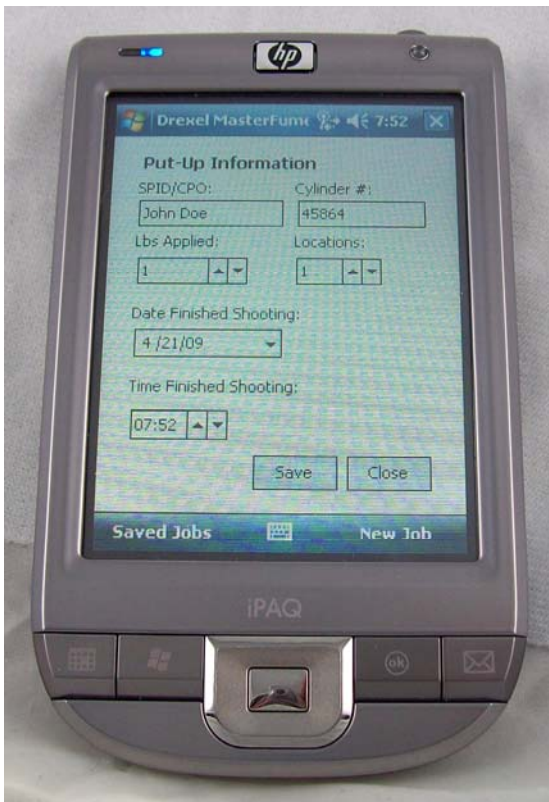
6. **ENTERING and SAVING PUT-UP INFORMATION**

Once the fumigant has been introduced, you can select the “NEXT STEP” from the Job Results screen, and enter the information. If the job was exited from, you can open the home screen and select “OPEN A SAVED JOB” to get to the put-up information screen.

Enter the information of the person who injected the fumigant, the serial number(s) of the cylinders used, the actual pounds of fumigant introduced, the number of shoot locations. The date and time default to the current time that you are entering the information.

*** Please always tap “SAVE” before closing the screen. ***

Save your information and exit the job until ready to enter the Takedown information. You can exit the job by tapping the “X” in the top right hand corner of the screen.

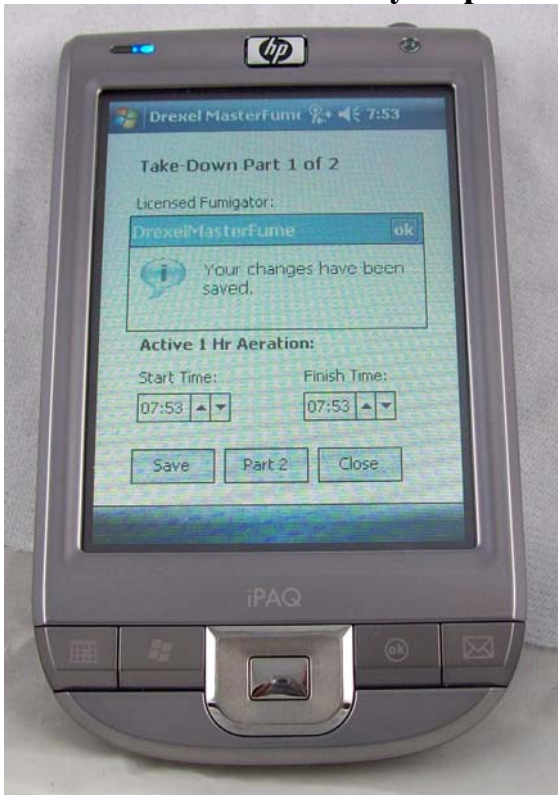


7. ENTERING and SAVING TAKE-DOWN INFORMATION PART 1 OF 2

Open the application as described in Step 1. Your job should resume where you left off. In the event it does not select, “OPEN A SAVED JOB” from the home screen. This will bring you to the Job Results screen where you can select “NEXT STEP” which will take you to the “TAKE-DOWN PART 1 OF 2” screen.

Here you will enter the information of the SPID/CO (who is in charge of the take-down process), the time the seal was broken, the time the Active 1 Hr Aeration began, and when it was finished. Tap “SAVE” then “CLOSE”. You will now be taken to the Job Results Screen. Tap the “X” in the top right hand corner to close the application.

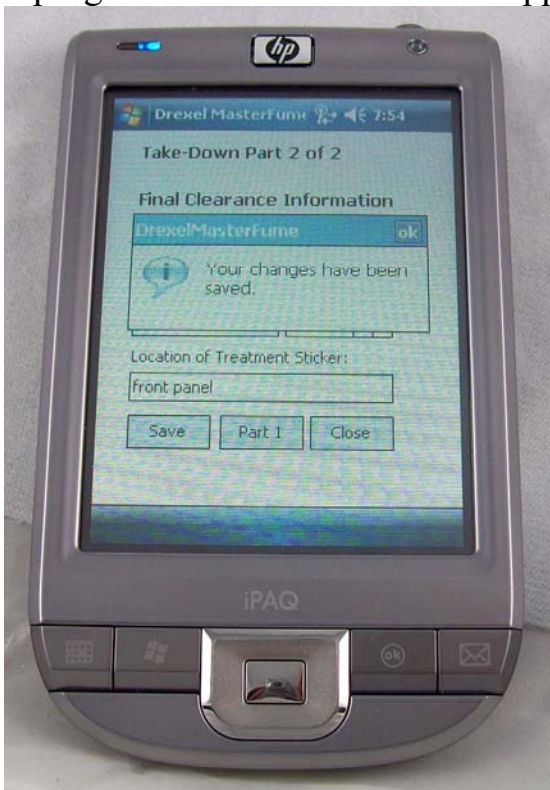
*** Please always tap “SAVE” before closing the screen. ***



8. ENTERING And SAVING CLEARANCE INFORMATION and TREATMENT STICKER LOCATION (THIS IS PART 2 OF TAKE-DOWN INFORMATION)

Open the application as described in Step 1. The job should resume at the Job Results screen. In the event it does not resume from the home screen select “OPEN A SAVED JOB”. This will bring you to the Job Results screen where you can select “NEXT STEP” which will take you to the “TAKE-DOWN PART 2 OF 2” screen.

Here you will enter the information of the SPID/CO. (who has preformed the final clearance). The date and time will default to the current time the information is being entered into the field. The “LOCATION OF TREATMENT STICKER” is also entered on this screen. Once the information is entered tap “SAVE” then “CLOSE”. You will now be taken to the Job Results screen. Tap the “X” in the top right hand corner to close the application.



9. To monitor a job, open the application as described in Step 1. You should be at the Home Screen. In the event you are not at the Home Screen you may get to the Home Screen by tapping “OTHER OPTIONS” and tapping “HOME”. From the Home Screen tap “OPEN SAVED JOB” and then Tap “GO”. Tap the job you wish to monitor. Select the “JOB OPTIONS” at the bottom left side of the screen, and then select “MONITOR”. Enter the equilibrium reading, the second reading, and then the time elapsed from the equilibrium reading to the time of the second reading. The equilibrium reading will be the “FIRST READING” during the complete monitoring process. The “SECOND READING” will be the current reading just taken, no matter how many previous reading have been taken.

The “HOURS ELAPSED” will be from the time the equilibrium was reached until the time of the current reading. Tap “NEXT” on the Job Monitoring screen. The calculator will calculate the results for the job and make recommendations as needed for the job. Tap “CLOSE” to exit or Tap the “X” in the top right hand corner of the screen.

10.LOCATION OF THE MASTER FUME™ LABEL AND MSDS INFORMATION

11.LABEL UPDATES AND CALCULATOR UPGRADES