

TESTING COLORMIX HARDWARE WITH MSDOS SERVICE DISK

1) Place "COLORMIX MSDOS TEST DISK" in the A:\ drive and reboot system.

2) The first menu, "COLORMIX SERVICE", has three selections:

- a) SCALETEST
- b) COLORMIX TEST
- c) EXIT TO OP. SYSTEM

3) Select SCALETEST first by pressing the ENTER key. The ColorMix logo will appear, with a menu bar below indicating F1 for Tare, F2 for CAL, F3 for SETUP (the scale menu access function), and F4 for EXIT. It is at this screen that the unit may be used as a stand-alone system, to tare and calibrate, as well as access the scale menu function. It is important to note that this program must be run first, as the scale drivers will not load properly if you follow any other procedure.

a) TARE and CAL functions are self-explanatory. By depressing F1, you tare the scale platform along with anything that may be on it, such as a paint can. To calibrate, tare the scale first by pressing F1, with nothing on the pan. Depressing F2 accesses the calibration function. The weigh window will display "CAL + 5000.0". Place a 5000g calibration weight in the center of the pan, and after approx. 5 seconds, the display will briefly flash, and then display "+5000.0g". This indicates that the calibration procedure is now complete. Remove the calibration weight from the pan. If the scale is not stable, the scale will not calibrate, and will remain in the "CAL+5000.0" screen. Ensure that there are no outside influences on the weighing platform, such as a draft or any foreign materials touching the pan, and begin the CAL process once again. If "E 02" is displayed, tare the scale again. If the condition persists, call Sartorius for assistance.

b) The SETUP function is accessed by depressing the F3 key. This feature will allow you to adjust the scale for different environmental conditions, such as a drafty paint room. After pressing F3, a submenu appears, with "SCALE SETUP" highlighted. Press Enter. The scale will read its current configuration data, and then displays it. You may scroll up and down with the arrow keys, and pressing ENTER at the desired function that you wish to change. Available parameters are displayed, with the current active parameter highlighted and checked. Scroll up/down to desired parameter, and select by pressing ENTER. When finished, scroll down to SAVE SETTINGS, and press ENTER. Failure to do this will not set your selections, and the scale will return to its current default settings. Please note: Always leave the AUTO ZERO function set to "OFF". If enabled, the scale will not recognize small increments added over a short period of time! Exit by scrolling to LEAVE MENU. (RESET SETTINGS will restore normal factory defaults.) The unit will prompt you to save settings upon exit, simply select YES. ColorMix will return to the previous menu, at which point you may select QUIT PROGRAM to leave this function. This will in turn return you to the ColorMix logo. Select F4 to exit.

4) The original first menu is now displayed on the screen. Scroll down one to COLORMIX TEST and press ENTER. The Service Program is now activated, and you are allowed to test several functions of the scale and its related hardware. The next menu highlights "TEST KEYBOARD". You may now access the test functions for the keyboard, display, integrated mouse, and the scale base.

a) TEST KEYBOARD-Displays the Windows95 keyboard on the screen. Test all keys by pressing each individual key. Notice that pressing a key again will toggle it on or off on the display. This ensures that the key actually works after each keyhit. Press ESC last to exit.

b) TEST DISPLAY-This will engage and disengage the display and its various pixel configurations. Keep pressing ENTER to check all it's functions.

c) TEST SCALE ON COM1-Please note: In order for this function to work correctly, you must once again re-boot the system. After the last test was run in the primary menu under SCALETEST, the scale drivers have been closed, and must be reloaded during the boot up process. Should you wish to test the communication between the PC and the scale base, reboot and select COLORMIX TEST from the main menu. Follow instructions from number 4 above. If properly completed the weigh window will reset the segment check, and return to "0.0g". Press any key to leave this test.

d) TEST MOUSE ON COM2-Press ENTER. The three mouse buttons will appear on the display, with the appropriate prompt at the bottom (Press left mouse button/right mouse button/move mouse). All three mouse keys should at this point be now highlighted. Press any key to leave this test.

5) You now are returned to the main menu of the COLORMIX TEST function, with RETURN highlighted. Press ENTER to continue.

There may be several tests on this service disk that require special Sartorius test hardware to be connected to the equipment. These tests, including TEST EX-LINK CONVERTER YCO05-Z and TEST EX-LINK CABLE YCC01-0020M20, will produce failures without this special test hardware. This is normal, and is no cause for alarm. Do not select either of these two tests or their sub tests. They are strictly for trained Sartorius personnel only.

6) Select RETURN TO OP. SYSTEM to exit the test program.

7) You have now completed all available tests for the ColorMix hardware and it's various configurations. Remove the Service Disk from the A:\ drive and reboot to connect to your Paint system. Should you experience anything abnormal, or need assistance with any of the above mentioned tests, Please contact Sartorius at 1-800-635-2906, ext. 8337