CHARLOTTE-MECKLENBURG POLICE DEPARTMENT

Crime Laboratory – Biology Section

Automate Diagnostic Testing Worksheet



Interval: Every 4 Months

Instrument: Automate -

Specifications: Perform axis test, temperature test, version test, and error test. Indicate satisfactory performance below or, if not satisfactory, remove the instrument from service and advise the TL.

Axis Test: Power on the instrument. From the Main Menu, press "3" to display the Tests screen. Select the Axis test by pressing "1" Using empty cartridges and tip assemblies, load 13 empty reagent cartridges into the cartridge rack. Insert the loaded rack into the instrument. Add to the tip and tube rack (to fill all positions) tips (in tip holders, place in rows T1 and T2), sample tubes (row S), and elution tubes (row E). Press Start & time the test. At the end of the test, the screen displays ALL OK if no problem is detected. Test should complete in ~5 minutes. Press Esc to return to the Tests menu.

Temperature Test: Press "2" from the Tests menu. Use the arrows to change the Set Temp to 60°C. Press Start while simultaneously starting a timer. The Now Temp value the Alarm value should become "00" and the Set Temp value reached within a 5 minutes of starting the test. Press Esc twice to return to the Main menu.

Version Test: Test is satisfactory if the version is 1.0.0.0

Error Test: Note the last error recorded.

Date	Analyst	Axis Time, Result	Temperature Test				
			Alarm	Time, Result	Version Test	Error Test	Comments