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6.1 OVERVIEW

Performance of Total Call assures the instrument has been checked thoroughly. Perform Total Call on every service call.

Preventative Maintenance is performed annually.

6.2 PM/TOTAL CALL REPORT

TC	PM	PROCEDURE	TC	PM	PROCEDURE
		Check modification sticker for TSB level.			Verify Tray Bar Code Switch operation and alignment (VP-16).
		Decontamination procedure completed (VP-39).			Verify Bar Code Reader reads labels consistently (VP-2).
N/A		Print out protocols and database configuration.			Clean Drip Cup.
		Check and replace tubing if necessary.			Perform Bottle Select, Pump Arm, and Dispense Well Diagnostics to ensure proper operation (VP-6).
		Check Wash Manifold and Check Valve (VP-5).			Check Bottle Select, Pump Arm, and Dispense Well alignments (VP-23 , VP-25 , VP-26).
		Perform manual wash on two 60-well reaction trays.			Check Dispense Actuator to ensure Tri-Continent moves the full distance to bottom of stroke.
		Verify water residue (VP-51).			Check for broken Dispense Boom Tip or Tri-Continent Bottle Holders.
		Clean Tray Entered and Tray Ready Ball Actuator (VP-38).			Replace O-ring on Dispense Boom Upgrade Kit.
N/A		Check Urge To Main Transport Drive alignment (VP-15).	N/A		Verify all Bottle Select Backlights are operating (VP-6).
		Clean Load/Urges Module belts.			Clean Optics Glass Barrier.
		Check for smooth operation of Main Transport. (No binding or excessive noise.)			Check Red and Blue Filter counts (VP-7).
		Clean Transport Augers (VP-50).			Verify Lamp is properly installed in Spring Retainer.
		Perform Urge/Transport Diagnostics (VP-3 and VP-4). If necessary, refer to alignment procedures (VP-15 , VP-20 , VP-33 , and VP-46).			

TC	PM	PROCEDURE
_____	_____	Check Lamp voltages (VP-35).
_____	_____	Perform Filter Diagnostics (VP-7).
_____	_____	Perform Filter cleaning and replacement (VP-47).
_____	_____	Perform Linearity/Repeatability Tests (VP-40 and VP-42).
_____	_____	Verify customer has performed Drift Test (VP-41).
_____	_____	Check System air pressure (VP-31).
_____	_____	Perform Pressure Leak Check (VP-32).
_____	_____	Check sensor operation (VP-11).
_____	_____	Verify fluids are not leaking from the waste container.
_____	_____	Check Main Power Supply voltages (VP-1).
_____	_____	Perform all Printer Diagnostics (VP-10).
N/A	_____	Measure Battery voltage (VP-54).
_____	_____	Perform Calibration (VP-56).

Completion of the above procedures ensure all applicable diagnostic tests have been performed to verify proper instrument operation.

