

BD Phoenix™ Automated Microbiology System Comparative System Maintenance



BD Phoenix™ System

DAILY	
Check printer paper supply	
Record temperature	
BD PHOENIX AP DAILY MAINTENANCE	
Check consumables - replace if needed	
Daily Nephelometer check	
WEEKLY	
Check LEDs	
BD PHOENIX AP WEEKLY MAINTENANCE	
Calibrate dispense pump	
BD PHOENIX AP MONTHLY MAINTENANCE	
Replace dispense tubing set	
Calibrate Nephelometer (every 3 months)	
AS NEEDED	
Pipettor verification as needed	
At 6 months (Performed by BD Engineers)	
Check/clean or replace air filters	
Annually (Performed by BD Engineers)	
BD Phoenix AP preventive maintenance	

VITEK® 2

DAILY	
Check instrument status QC report for:	
Carousel temperature A and B	
Optics system A and B	
NO WEEKLY MAINTENANCE	
MONTHLY	
Empty Vitek 2	Turn power off
▼	▼
Clean the following with 10% bleach solution:	
Boats	
Carousel A and B	
Cassettes	
Optics A and B	
Waste tray A and B	
Base pan	
Vacuum seal	
Vacuum chamber	
Drip pan	
Smart carrier	
AS NEEDED	
Change saline	
▼	
Change pipette tips	

VITEK®

DAILY	
Brinkman Dispenser:	Reader/Incubator:
▼	▼
Clean	Record temperature
▼	
Flush tubing	
▼	
Calibrate	
▼	
Change diluent	
▼	
Waste tray A and B	
WEEKLY	
Brinkman Dispenser:	Reader/Incubator:
▼	▼
Sterilize	Inspect arrays
	▼
	Clean wheels
	▼
	Clean track
MONTHLY	
Filler/Sealer:	Reader/Incubator:
▼	▼
Check timing 3 to 5 minutes	Clean 4 filters
▼	
Clean filling racks	
▼	
Clean door gasket	
NO AS NEEDED MAINTENANCE	

Microscan® WalkAway® SI

DAILY	
Print daily instrument QC diagnostics report	
▼	
Review internal instrument checks	
▼	
Manually check the following:	
Internal and external temperature, water level, reagent bottle level, dispenser pressure, oil level, oil and reagent lines, dispensing tips and funnel, reagent waste level, photodiode shield, diffuser plate	
Rapid panel users only: Check fluorometer shield and fluorometer reference disk	
NO WEEKLY MAINTENANCE	
MONTHLY	
Clean fan filter	
▼	
Clean bottle adapter threads	
▼	
Clean reagent bottle O rings	
AS NEEDED	
Print daily instrument QC diagnostics report	
▼	
Fill water level	
▼	
Fill or replace reagents	
▼	
Fill or replace oil	
▼	
Replace reagent waste bag	
▼	
Clean fluorometer shield	
▼	
Clean diffuser plate	



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