

## Preventive Maintenance Protocol – BM500

Instrument type	Serial number	Software version	Date

Customer address	Customer ID	Company address

### Maintenance checklist (X = Checked/Done, N/A = Not Applicable, ! = Comment below)

1. External cleaning, decontamination		8. Replace pump membrane If needed. Repair kit Waste pump 1150521_S.	
2. Verify Background results		9A. Inspect/clean syringe assembly Clean all dilutor shafts with lint free cloth.	
3. Clean/replace tubings Inspect for dust, blood traces and blockage. Clean with Boule EasyCleaner 1504513.		9B. Lubricate dilutor shafts Use Mechanic grease 1141121_S on: D, L1, L2 and sample syringe shafts.	
4. Clean/replace chambers Inspect for cracks and leakage, check electrodes. Clean with Boule EasyCleaner 1504513.		9C. Replace all Dilutor O-rings	
5. Check electromagnetic valves Assure proper sound and movement of solenoids. Pay attention to V2, V10, V11 and V13 - V19.		9D. Perform Syringe Assay Self-test	
6A. Inspect/clean probe assembly Remove and clean top and bottom with Boule EasyCleaner 1504513.		10. Inspect/clean flow cell manually	
6B. Lubricate probe assembly shaft Use Mechanic grease 1141121_S on both horizontal and vertical shafts.		11. Flow cell, automatic clean Perform Easy Cleaner Soak and Flow Chamber Clean.	
6C. Perform Needle and sample assay self-test		12. Inspect/clean reagent aspirators	
7. Check pressure and vacuum pump Perform Pump Self-test and Pressure/Vacuum Self-test (+30 kPa). Check vacuum chamber condition.		13. Verify Background results	
		14. Verify Control results	
		15. Verify Control/sample repeatability	
		16. Calibrate, re-run control (if needed)	

### Comments

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Customer signature	Technician signature
Customer name	Technician name