AKINROLABU IBUKUN JUSTINA

MEDICAL LABORATORY SCIENCE

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HOW YOU CAN MAINTAIN AUTOMATIC ANALYZERS IN ABUAD MULTI SYSTEM HOSPITAL AND HOW TO KEEP THEM IN GOOD CONDITION

1) FOR DAILY USE: Keep the operational station clean and cover the lid after use to prevent dust.

Keep reagents and sample positions clean, do not leave liquid waste in reagent disk.

Do not drop liquid and matters in the detector otherwise the test accuracy will be affected.

clean sampling probe after use to prevent clog and stay away from direct sunlight and hazardous matters.

Use stabilized voltage supply when power voltage is unstable, do not touch the heater and do not the moving parts when in motion.

Exit the system properly before turning off the power, avoid directly turning off the power.

2) COMPONENTS MAINTENANCE: Reagent disk: Keep the sample and reagents positions clean and clean up immediately when any liquid accidentally overflows.

Sampling probe: Put lubricants on the guide bar every week, put 2 drops of lubricants on the joint of the Y-AXIS guide bar and the arm then slide the arm up and down manually.

Slider: Put lubricant on X-axis linear guide rail every week to keep it greased.

Pallet: Keep the surface clean, used cuvettes needs to be disposed properly, use lubricants on z-axis guide every week to reduce friction.

Detector: Put lubricants on lead screw and guide bars every week.

Pipeline: Check whether it is clogged or damaged every week, if any damage is found replace immediately

3) SCHEDULED MAINTENANCE: Dispose the liquid waste and fill the detergent container .

Check whether unused cuvettes are in the same positions as the setting displays .

Check whether the printer is not running out of paper and dispose used cuvettes and remove sample after use.

Use medical alcohol to clean keyboard, operational station, and any place contracted by the operator after use.

Clean pipeline with detergent .