

AUTOMATED FLUID CONTROL DEVICE FOR MEDICAL APPLICATIONS

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The design and implementation of an automated liquid observation and controlling method utilizing an affordable liquid flow sensor and the microcontroller are presented here which has the ability to monitor the circulation rate using GSM. The designed flow sensor will be hooked up to the drip chamber of the saline container to determine the saline flow drops. The obtained outputs are continuously checked and if any mismatch is found, the microcontroller moves the motor to modify the circulation rate and alert message is sent by the GSMM to the nurse or attender.

