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(57) Abstract :

The present invention provides a semi-automatic device for routine biochemical examination of urine. The automated device is comprised of, but not limited to, urine sample in the small pump bottle, plurality of the dipstick, plastic roll, two motors to rotate the plastic roll, a colour detector machine, and colour detection application in smartphone. The base of the device is prepared using the thermocol sheet. The two motors are placed at predetermined distance and act as the rollers. The plastic roll is placed on two rollers. The dipsticks are attached on the plastic roll. The pump is placed near the starting point of the roll so that, the urine directly fall on the dipstick of the plastic roll and at the end of the roll near the motor, a color detector machine is placed that catch the color intensity using a mobile application. Accompanied Drawing [FIG. 1]

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