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(57) Abstract :

The present invention discloses a chlorine estimating and stabilizing apparatus, comprising: a chlorine feeder assembly; a reservoir chamber; a master chamber; a reagent feeder assembly; an electronic unit, and the said electronic unit consists of: a first LED, a second set of plurality of LEDs; Particularly a touch screen display to pre-set volume of liquid flow, timer value of a micro stirrer and a solenoid valve; Particularly plurality of liquid flow controller will send the pre-set volume of water to the chloroscope tube; micro stirrer rinse the chloroscope tube, and a solenoid valve outlets the rinsed liquid; a control unit, wherein the said control unit consists a microcontroller, a GSM module and a GPS module. More particularly a said microcontroller configured to control the operation of the said chlorine estimating and stabilizing apparatus; the said electronic unit is connected to the chlorine feeder unit; a solar panel comprising of a plurality of photovoltaic cells, wherein the said plurality of photovoltaic cells further charges a battery, and the said battery is connected to the said electronic unit for power supply when electricity cut off; and a plurality of sensors; and a server unit, wherein the said server unit is connected to the electronic unit wirelessly. Even more particularly status and the process of said apparatus can be controlled by user interface application which connected to electronic unit through server.

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