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(57) Abstract :

The present invention relates to a fluid monitoring system, comprising: a control unit and an operating device; a user interface; a power panic button to switch on an electronic device; a saline bottle holder to hold a saline bottle; a load cell to detect the exact weight of the saline bottle; a display device to display the exact weight of the saline bottle; and an automatic holder clip to control a flow rate by activating by a stepper motor; a saline flow indicator to indicate a flow status of a saline in a saline flow tube; and a color sensing sensor is configured in a moving head to detect the color of the saline when the said saline bottle is transparent. Further, in accordance with the present invention, the sensor is configured on the moving head to detect and sense color of the saline bottle, and the said sensor is connected to the control unit, and the said sensor senses an information relating to any change in color of the saline bottle.

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