

## **PASSWORD ENABLED PRE-PAID MILK DISPENSING SYSTEM**

Milk dispensing systems are quite commonly found in our daily life in different places like offices, Bus stands, Railway stations, Petrol pumps. Here we are going to present modern era liquid dispensing system which is meant to be operated with touch screen interfacing. Operators of the dispensing systems should be trained perfectly so that they hold the controls until the required amount of liquid is dispensed instead of this hard core mechanism we are designing with a touch screen based dispensing system which is going to dispense the particular to the required amount and is turned off immediately, the major advantage here is there is no need for any mandatory person to take care about the system

Touch screens provide fast access to any and all types of digital media, with no text-bound interface getting in the way. Faster input can mean better service. Using a touch interface can effectively increase operator accuracy, reduce training time, and improve overall operational efficiencies, thus keeping costs down, a properly designed touch interface can improve each operator's accuracy. Touch screens are practical in automation, which has become even simpler with touch screen technology. Owners familiar with the icon system appreciate touch screens that make automation systems user friendly.

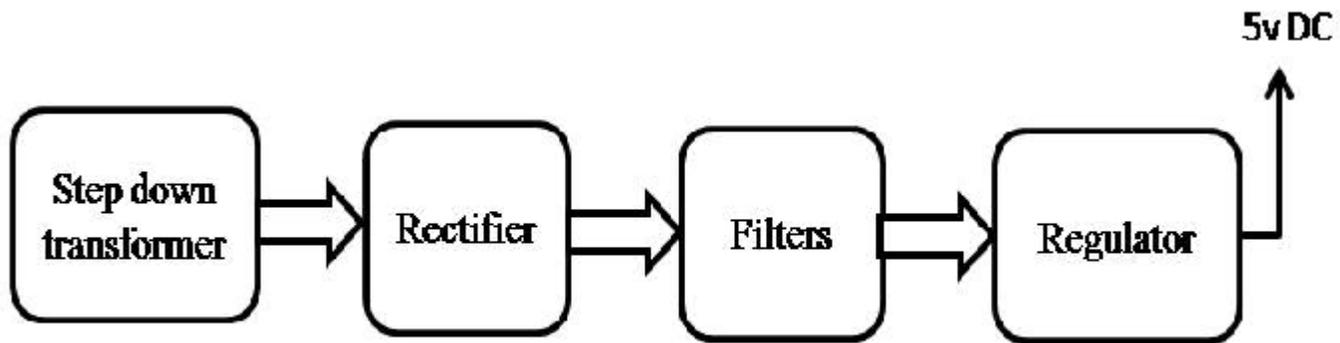
The system is designed with a Micro Controller, which is the heart of the device. It is interfaced with a touch screen based Graphical LCD and a dispensing motor. The user provides input to the device from the touch screen sensor. The controller reads this input and control starts operating the dispensing motors until the required amount of liquid is dispensed. The input from sensor is also displayed on the Graphical LCD for the acknowledgement of the user.

### **Features:**

1. Provides user friendly remote supply to milk dispensing.
2. Supports controlling of meter.

3. Non-volatile memory based reading storing.
4. Auto connect feature.

**Regulated power supply:**



**Block Diagram:**

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