AUTOMATED TABLETS COUNTER

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ABSTRACT

The aim of this project is to design a tablet counter that will be able to count the number of tablets as it is been dispensed into the container. This project consists of three functioning part combined together to achieve the required objective, which are the electrical, mechanical and programming parts. The project consist of the following materials and devices which are motor driver, which is to drive the motor carrying the dispenser to dispense the tablet into the container, also it has the keypad which serves as an input source for the project. The keypad is for inputting the number of tablets and it reflects on the LCD display and also the PIC16F877A which acts as the brain of the device, which is where all codes are inputted and the instruction are being executed according to the codes. The project is also user friendly.