**Semi-Automatic AMBU Bag Machine**

Handling ambu bag

Adjustment

Indication

Display

Air Flow

Pressure

Pressure

Rate of Pumping

Holding the ambu bag

Rate of Pumping

Air Volume

Pumping

Battery

Accepting input from the user and giving input to computer to make changes

Compression

Sensing

Sensing

Input to processor

Ringing of alarm if pressure exceeds

Decompression

Giving input to computer to adjust rate

Input rate of pumping from the user

Calculation of rate in breaths per minute

Movement of lever

Rotation of motor

Supply of electricity

Sense battery level

Green light if sufficient

Red light if low, with alarm

Accepting the rate adjustment from user