



Automatic Counter  
For Flow Tables

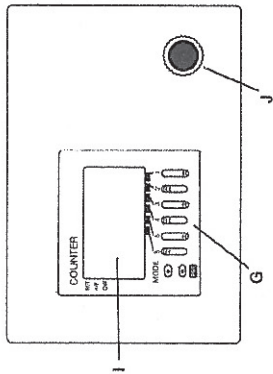
## General

The H-3614B and H-1334BA is an automatic counter with a 6-digit LCD readout designed for use with Humboldt Motorized Flow Tables. This counter features a sensor to record a setable number of rotations of the flow table. The counter automatically shuts-off the flow table when the preset number of rotations is reached.

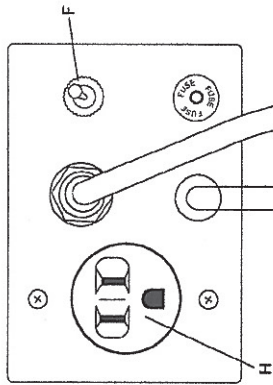
## Operating Instructions (refer to drawing)

- 1 Mount Micro-switch to base of flow table stand. Be sure the actuator comes in contact with the cam.
- 2 Plug the cord from the flow table into the back of the counter "H" and the power cord from counter into a power socket; 115V, 50/60Hz for the H-3614B and 220V, 50/60 Hz for the H-3614B.4F. After all the cords are plugged into their respective sockets, switch the toggle switch "F" to the "ON" position, the display "I" should indicate "0" in the upper and lower rows. Use selector switches "G" to set the predetermining counter to the desired number of drops, which will appear in the lower display.
- 4 To begin a count cycle push the black button "J". If the upper row of the display indicates a value less than the preset count on the lower row of the display, the motor will be activated and the cycle will start.
- 5 The upper display will increment up to the preset count, one count each time the sensor input is pulses the counter.
- 6 When the upper display indicates "the preset value" from the lower display, the motor will stop.
- 7 To begin the next count cycle for the same preset, push the black button. Otherwise, the preset can be changed to a different number and then a new count cycle can be initiated by pressing the black button.

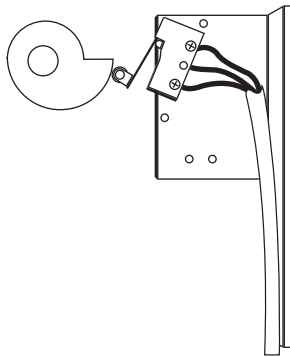
Front View



Rear View

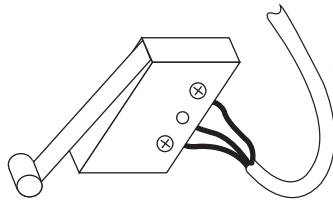


AC Power Cord



Position of counter sensor when mounted under cam on Flow Table

H-3614B  
Digital Counter Kit



## Warranty

Humboldt Mfg. Co. warrants its products to be free from defects in material or workmanship. The exclusive remedy for this warranty is Humboldt Mfg. Co., factory replacement of any part or parts of such product, for the warranty of this product please refer to Humboldt Mfg. Co. catalog on Terms and Conditions of Sale. The purchaser is responsible for the transportation charges. Humboldt Mfg. Co. shall not be responsible under this warranty if the goods have been improperly maintained, installed, operated or the goods have been altered or modified so as to adversely affect the operation, use performance or durability or so as to change their intended use. The Humboldt Mfg. Co. liability under the warranty contained in this clause is limited to the repair or replacement of defective goods and making good, defective workmanship.

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