



Inspection for Manual Counters

- 1 Ensure unit is clean and there are no scratches on the surface of your counter.
- 2 Push down on each key to ensure unit registers correct number in proper working order.
- 3 Turn knob, making sure unit clears and the bell rings in proper working order. To reset the counter, rotate the TOTAL field to zero three complete times.
- 4 If your counter is not in ideal working condition, please refer to the warranty card for service information.

Warranty

LW Scientific instruments have a one (1) year limited warranty. This warranty is not valid on normal wear and tear, cosmetic damages caused by chemicals, solvents, and/or cleaning solutions, as well as acts of God.

Please register your product online at: www.lwscientific.com/warranty_form.
 Important: Warranty information must be completed within 30 days of purchase.

Operation Instructions

- 1 Each of the keys on the counter represents a type of leukocyte, according to the Schilling classification, and are labeled accordingly.
- 2 As you observe and identify each type of leukocyte in your sample, push down the key corresponding to the appropriate cell type. **IMPORTANT: To ensure that the unit registers the correct count of cells, make sure that you press firmly on each key and only one key at a time.**
- 3 Above each key, there is a corresponding window (Individual Count Display) that records the number of times the key has been pressed correctly.
- 4 The Total Count Display keeps track of the overall number of times the different keys have been pressed.
- 5 When the addition of all the cells counted reaches 100, a bell will sound. At this point, each Individual Count Display represents the percentage of the cells in the sample.
- 6 Once the count has been completed, turn either knob at the end of the counter until all windows are back to zero. You are now ready to proceed with the next count.

Cell Identification

- 1 The 5-key model is labeled with the following leukocyte types: Basophils (BASO), Eosinophils (EOSIN), Monocytes (MONO), Lymphocytes (LYMPH), and Mature Neutrophils (POLY).
- 2 The 8-key models are labeled with the following leukocyte types: Basophils (BASO), Eosinophils (EOSIN), Myelocyte (MYELO), Neutrophilic Myelocyte or Juvenile (JUVEN), Neutrophilic Band or Stab (STAB), Segmented Neutrophil (SEG), Lymphocytes (LYMP), and Monocytes (MONO).

Specifications

- Right and left reset knob
- Bell alarm for 100th counted cell
- Non-slip bottom
- Acid resistant, high-impact plastic body