

UNICO®

5 & 8 Key Differential Counters



Model L-BC6 & L-BC9
Hematology differential counters with
wbs scale included

United Products & Instruments, Inc.

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Introduction:

The UNICO (United Products & Instruments, Inc.) located in Dayton, New Jersey, has been providing quality laboratory equipment for the medical and educational markets for over 10 years. With a range of microscopes, centrifuges rotators, mixers and differential counters. UNICO is constantly searching for the best technology for the job at hand.

Description/ Intended Use:

The UNICO models L-BC6 and the L-BC9 are counting devices with a plastic housing and a reset wheel and a 3-place tally window. Each unit has a bell that rings when 100 cells or units have been counted. The intended use is for keeping tally of the various white cells (mature and immature) counted during a standard WBC differential as outlined in various Hematology textbooks.

Accessories:

Each UNICO model L-BC6 and the L-BC9 counter comes with a full color strip chart showing the basic maturation sequence of the human leucocyte. If the strip chart is not already in place, please locate it and insert it into the holding indentions located just above the tally windows.

Unpacking:

Each unit is packed in a form fitting foam holder with cardboard sleeve. Push the foam from either end, remove the unit and strip chart and save the shipping materials. Insert the strip chart as per accessories paragraph.

Operation:

1. Place the differential counter next to the microscope. Turn the reset wheel until all of the tally windows are showing all zeros.
2. For accurate leucocyte differential criteria, please refer to your Laboratory Procedure manuals or textbooks on human hematology.
3. Each time a cell is to be counted, depress the key just under the picture on the strip chart that best represents the cell being viewed.
4. A bell will sound when the total of 100 cells has been counted.
5. Record your results and turn the reset wheel back to zero

Cleaning:

Do not use strong solvents on plastic parts. A solution of weak bleach or other disinfectant solution can be used to clean and disinfect the keys and case of the counter. Do not immerse the unit in any fluid.

Service/Maintenance:

There are no user accessible parts to service.

Problem Solving:

- Total does not equal the total of all keys pressed. It is likely that more than one key was depressed at the same time. Or that one key was inadvertently held down while trying to count another cell.
- Bell did not ring at total of 100 cells. Try turning the reset wheels so that all the windows show only zeros.