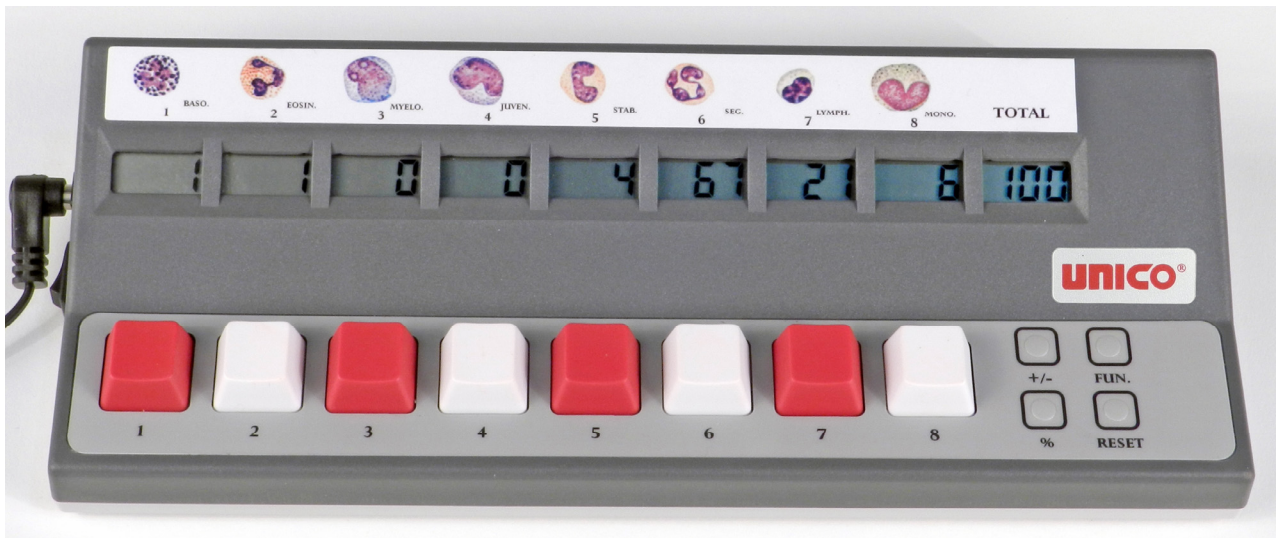




## 8 Key Digital Differential Counter

### Model L-BC9D



## Operation Manual

### UNICO

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## **Introduction:**

United Products & Instruments, Inc., located in Dayton, New Jersey, has been providing quality laboratory equipment for the medical and educational markets for over 15 years. With a range of microscopes, centrifuges, rotators, mixers and differential counters UNICO is a Laboratory Equipment supplier.

## **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.

Included:

- 1 Digital Counter
- 1 AC adapter
- 1 Operation Manual

NOT Included: Optional AA batteries (2). Two AA's are required for use when the AC Adapter is unplugged, not in use.

## **Operation:**

1. Plug the AC Adapter into the appropriate outlet and into the unit. If using the battery proceed to step 2.
2. Turn the unit on. All 9 windows display 0.
3. Using the WBC maturation chart above the LCD display windows as a guideline press the key corresponding to the cell you see on the microscope slide.

NOTE: WBC Maturation Chart is for illustration only and IS NOT intended to help with WBC identification.

4. When the total of 100 WBC cells has been counted the bell will sound. Record the results in accordance to your laboratory manual differential procedure.
5. Press Reset button to set all LCD display to 0. The instrument is now ready for the next diff. count.

## **Function Buttons:**

The instrument panel is equipped with 4 additional buttons:

1. **+/-** Pressing this button allows the user to subtract an entry from any of the keys and the total. The minus sign is displayed when in subtract mode. When done with the correction press this button again to return to normal operation.
2. **%** Allows user to calculate a percentage values before 100 cells are counted. Press % again to return to normal operation mode.
3. **FUN** Allows adjusting the LCD contrast to the level comfortable to the user. Press 7 to increase and 8 to decrease the contrast. The TOTAL window shows remaining battery charge (100% in AC mode).
4. **RESET** Sets the all cell counts to 0.

## **Optional Battery Operation:**

1. Use a Philips screw driver to remove the locking screw from the battery compartment located on the bottom of the unit.
2. Slide the cover open and insert 2, AA batteries, making sure the – side is placed against the spring. NOTE: Do not use Rechargeable AA Batteries.
3. Close the cover and secure with the screw.

## **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. Contact your sales representative for service options.