

1. General Description

Hemocytometer is a microcomputer calculator integrated with counting, analysis and monitoring with ten groups, two's place and ten carries. The number is calculated with ten keys and showing ten groups of numbers and totals at the same time. It is of accuracy, functional stability, good out shape, clear monitoring, convenient for use and clinical fit, showing the primary bacterial infection or virus infection. Especially fits for the small and middle size hospitals.

2. Main Data

Maximum count category:	10 groups
Count capacity of every group:	0~99
Voltage:	AC100V~240V (50Hz/60Hz)
Power consumption:	5W
Weight:	600g
External Dimension:	220×166×78 mm

3. Instructions

- 3.1 Prepare with connected the electricity, turn on the power and "0" is showed on the monitor, then push the "Reset" key, clearing all the data to zero.
- 3.2 Then, the instrument will show normal nine data with their nine keys correspondently such as Basophilic(BASO), Variate lymphocyte, eosinophilic(EOS), Monocyte(MON), Neutrophilic stab granulocyte, lymphocyte(LYM), Promphocyte(Prom), Neutrophilic segmented granulocyte and Neutrophilic orthochromatic normoblast. If you want to count any data, please push the relative key.
- 3.3 The others out of the above-mentioned data, customer can define it by himself with the "--" key.
- 3.4 Each key will sounds "toof" meaning the counting is available

and adding "1" in the corresponding calculator while the 1/N meaning adding "1" for total. If no "toof" is heard, the counting is not working and need another try.

- 3.5 when the total is accumulated to "100", the counting of this operation is full. As soon as you hear a longer time "toof", please write down what you have got in the machine. When push "Reset", the monitor is cleared, and you can have another operation. (if one channel is full, the total shows "100". single channel shows "FF".)

- 3.6 If the total is not in full capacity, while you want to finish this operation, please push the key "%", after hearing the "toof", the computer will change the values into percentage on the monitor. If you want to get a more accurate value, push "%" again, it will show the percentage to decimal. (the light is on), the total does not change. (when the single channel is not "100", push "%" key showing "-", it means the total calculator showing the single channel value.)

- 3.7 When the operation is finished, please push "Reset" key, the ten groups and 1/N return to "0", then you can start another calculation.

4. Maintenance

- 4.1 Put the on the equal level, far away from the magnet. The power should have a ground connection, and voltage should be in the required range.
- 4.2 Push the middle part of the key with appropriate strength, over hard push will damage the keys.
- 4.3 When the operation is finished, cut off the power, put on the dust proof cover and make sure the room is dry.