

HIOKI BATTERY HiTESTER BIN Measurement Software

(For Model BT3563, BT3562, 3561)

I. Outline

This software assists in the BIN (classification) measurement function on Model BT3563, BT3562 and 3561 BATTERY HiTESTER.

II. Initial Settings after the BIN Measurement Software has been successfully installed

1. First, set the measurement conditions (Ex. Range, Comparator settings) on BATTERY HiTESTER manually.
2. Adjust the interface settings on the BATTERY HiTESTER to "RS-232C" and "9600bps". Please refer to the instruction manual for BATTERY HiTESTER on how to adjust the interface settings.
3. On the PC, set the port used for the RS-232C interface. You can also make the settings using the BIN Measurement Software by selecting [Settings] - [COM port] from the menu. Once made, the settings will be saved on your PC.

III. Functions

1. BIN Setting

The sort area can be selected from 3 methods:

- | | |
|----------|---|
| Max-min | Bins are equally divided between the maximum value and the minimum value. |
| Min-step | The first bin starts from the minimum value and subsequent bins are set up based on the specified step. |
| REF-% | Based on a reference value, bins are set up in the positive and negative direction based on the specified step. |

Up to 9 ranks or bins each can be set up for both resistance and voltage measurement results.

2. BIN measurement

- Click the "START" button to begin BIN measurement.
- The software will capture the resistance and the voltage measurement results taken by the BATTERY HiTESTER via the RS-232C interface, automatically compare the data with those defined for the bins and sort them as appropriate.
- Based on the measurement result, among the 1 to 9 rankings, the matching bin will light up in a different color. During BIN measurement, the bin ranges cannot be changed. Click the "STOP" button to end BIN measurement.

3. Measurement Value Recording and Counting

During BIN measurement, the present measurement value can be recorded in a text file when the "REC-COUNT" button is selected. Simultaneously, the number of entries for each bin will be counted. Click the "DATA" button to see the count results of each bin.

IV. Disclaimer

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