GBM10-M TEST PROGRAM
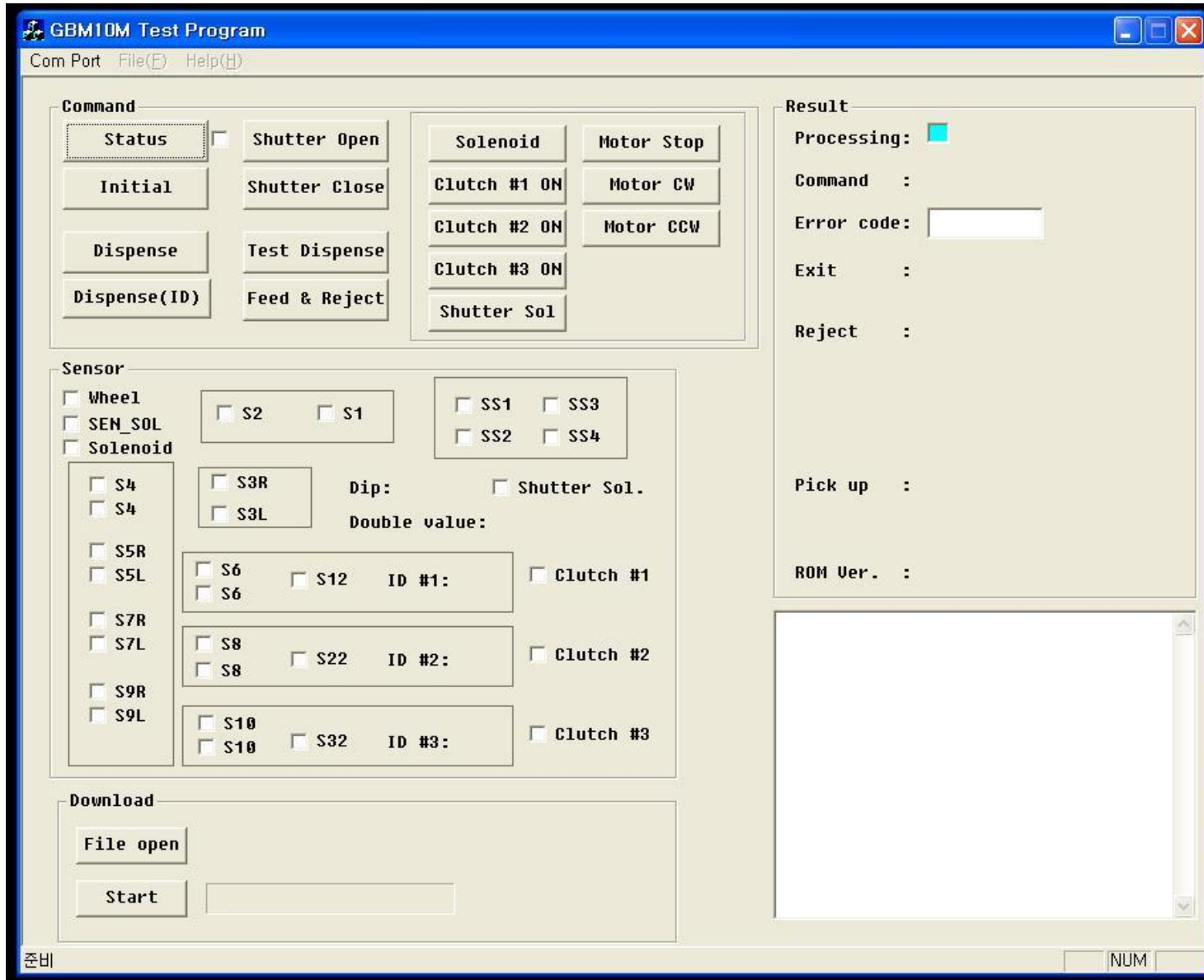# Manual

-Com Port: You can change the com port.

-Status: You can confirm current sensor and operation status.

-Initial: GBM10-M's Initialization for dispensation

-Dispense: Dispensation Test

-Feed & Reject: This command operate that one note reject and one note feed alternately.

-Shutter open: Shutter open command

-Shutter close: Shutter close command

-EXIT: Count of Dispensed note

-REJECT: Count of Rejected note

-PICK UP: Count of Picked up note (from Cassette)

-Error code: Error code mark

-Sensor: Mark of Sensor Status

WIZ MECHATRONICS

<Using Method>

1. Status Command
    - You can confirm current sensor and operation status.
    - The Status command instructs the dispenser to return its current sensor and operation status.

2. Initial Command
    - GBM10-M's Initialization for dispensation.
    - Notes may be in the delivery path of GBM10-M before you operate the command.
    - In this case, GBM10-M's check notes and delivery note to the reject bin.
    - Verify if there is any noise during the initial or the Error code number '00' is shown

3. Dispense Command
    - Dispense command operates that notes dispense to the Exit part.
    - If the operation goes well, Click <Dispense or Dispense(ID)> button and input Dispense Notes Value.
    - The pop-up screen would by displayed to prompt you to set the counts of 1st Cassette, 2nd Cassette for the dispensation test.
     (Refer to the below illustration)
     →CST #1: 1st Cassette, CST #2: 2nd Cassette
     →ID #1: 50EURO Cassette, ID #2: 20EURO Cassette
     →The Dispense Notes Value must between '1' to '100'
   - If there is any problem during dispensation test, the corresponding error code would be displayed.

4. Confirmed Result
    - You can see the result information in the "Result Box"
   → The results are shown in EXITED NOTES, REJECTED NOTES AND PICKED UP NOTE (from cassette).

5. Shutter Open & Close Command
    - If the operation goes well, you can check shutter open & close normally or not.

ERROR CODES

The rest except 00 hex (good operation) are returned if only an abnormal event occurs during operation. For proper operation, there should not be notes on the delivering belts. If not, the GBM10-M will automatically remove such notes into the reject bin before its operation.

Error Code	The cause of errors, or explanation
00	Good operation. - It is no error.
01	Delivery Motor Speed is slower than the required limit.
03	Detect abnormal note at the S2
04	Detect abnormal note(more short) at the S1
05	Detect abnormal note(more long) at the S1
07	Failure to measure Double Detect value.
08	In the dispense operation, one sensor is detecting inside the GBM10-M.
11	Cassette #1 misfeed
12	Cassette #2 misfeed
13	Cassette #3 misfeed
20	Delivery motor does not operate.
21	A note was not detected the S5 sensor within the fixed time.
22	A note was not detected the S7 sensor within the fixed time.
23	A note was not detected the S9 sensor within the fixed time.
24	A note was not detected the S4 sensor within the fixed time.
25	A note was not detected the S3 & S2 sensor within the fixed time.
26	A note was not detected the S1 sensor within the fixed time.
27	Over dispensation
28	In the dispensing and purge operation, abnormal note is detecting on a route.
2A	A note's thickness is more than the basis.
2B	Gate close error.
2C	A note's thickness is less than the basis.
2D	An abnormal note was failed to reject as the gate has been closed.
30	It occurred the reject events of 10 notes.
31	A note was not passed the S6 sensor within the fixed time.
32	A note was not passed the S8 sensor within the fixed time.
33	A note was not passed the S10 sensor within the fixed time.

WIZ MECHATRONICS

38	Shutter open error
39	Shutter close error
4F	Received an abnormal command.
51	Delivery motor failed to function during initial.
53	A jam event occurred during initial.
55	The GBM10-M upper part's jam
70	Received dispensing command before initial.
71	The cassette has no notes or its notes were not picked up as missed.
72	Though required dispensing, ID cassette is not found in the GBM10-M's body.
73	Though required dispensing, cassette is not found in the GBM10-M's body.
88	Program error