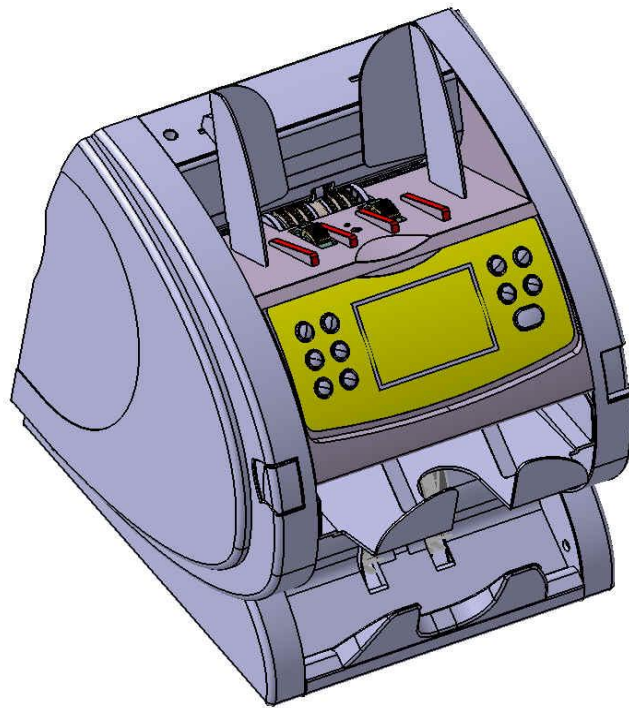


MAGNER 150

CF-IR Data Collection Guide



MAGNER®

Magner International Corporation

MAGNER 150 Upgrade and Calibration Guide

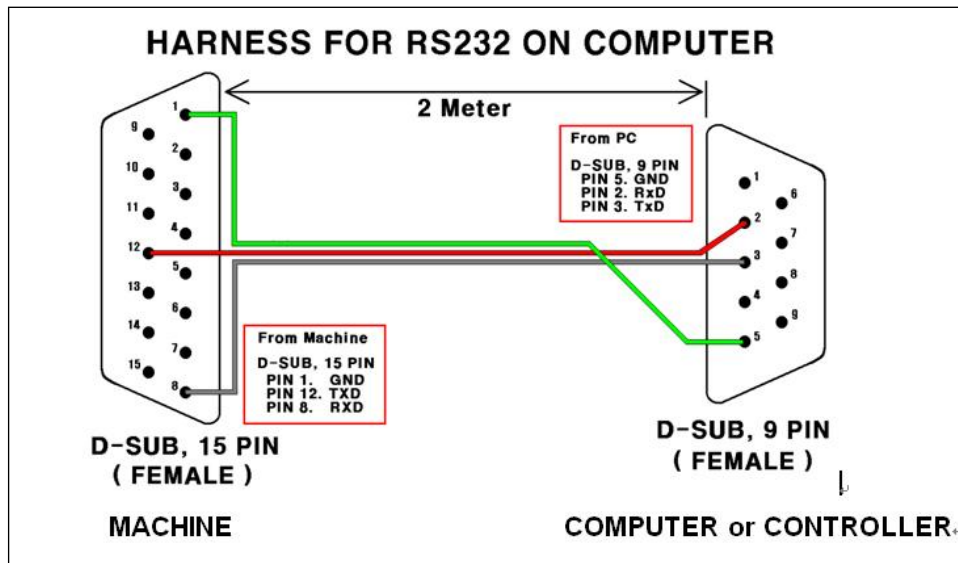
[Download Click Here -> CF-IR Viewer V2.0](#)

Connect the PC and Magner 150 with serial cable.

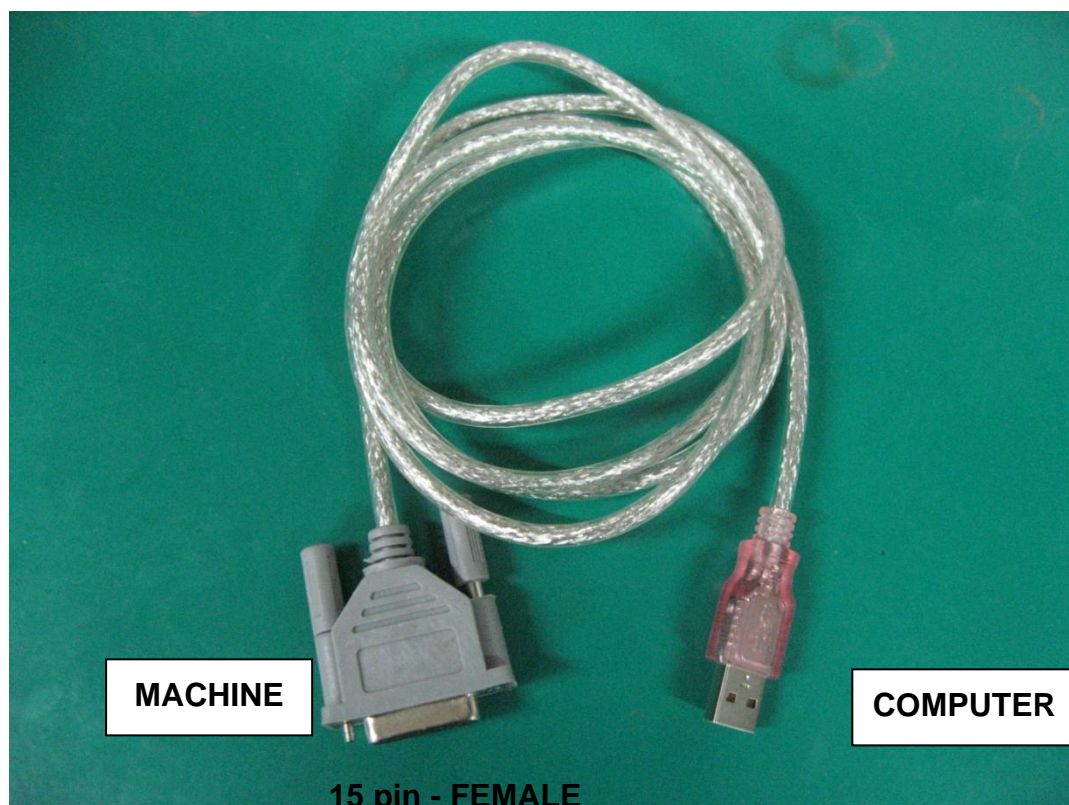
You can connect the machine with PC by USB-15 pin Serial Cable and 15 pin - 9 pin Serial Cable.

Please find below pictures.

- 15 pin – 9 pin Serial Cable



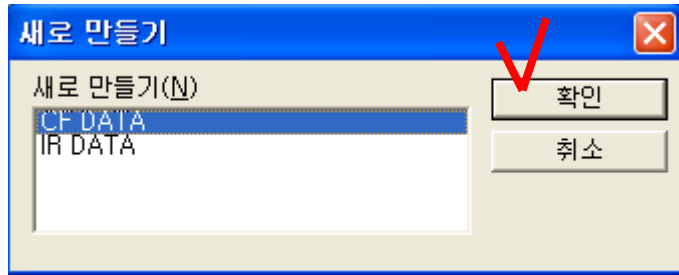
- USB-15 pin Serial Cable



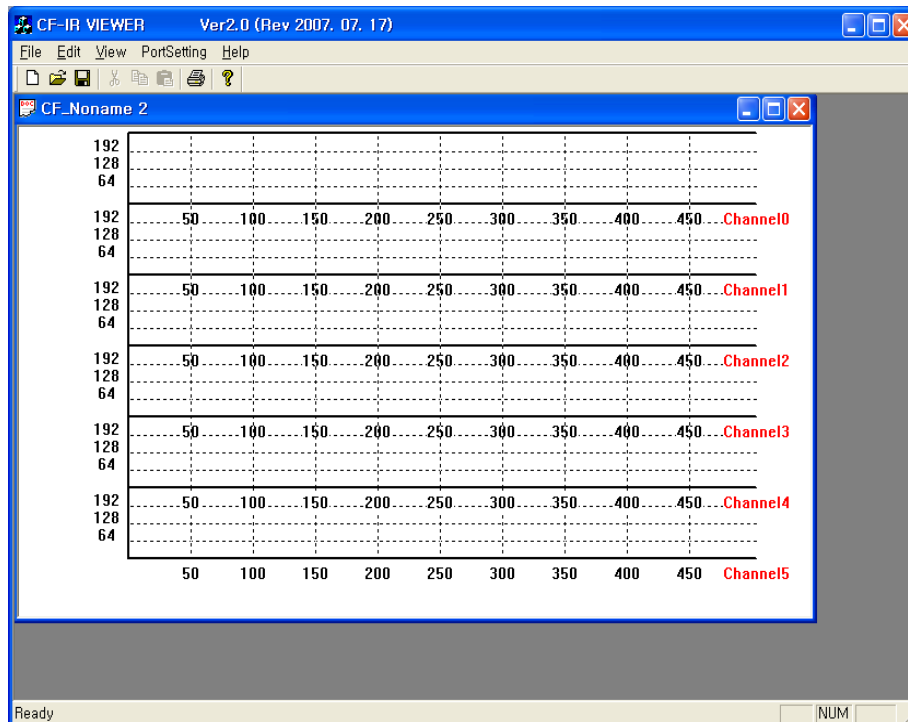
MAGNER 150 Upgrade and Calibration Guide

How to use CF Data Viewer

- (1) Connect the PC and Magner 150 with serial cable.
- (2) Execute CF_IR_VIEWER_2.0.exe file.
- (3) Display shows as below.

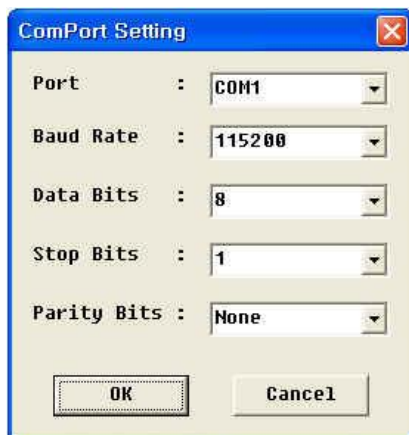


- (4) Select CF DATA and click OK.

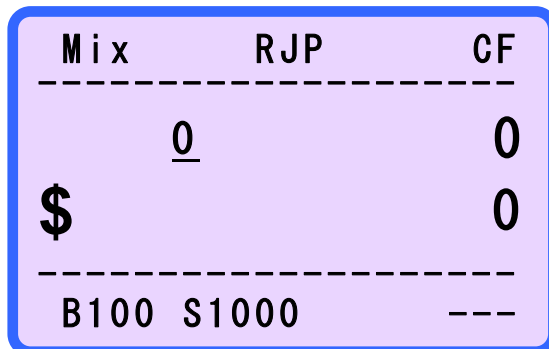


- (5) Select **PortSetting** Menu to set serial port and baud rate.
Baud rate is set 115200bps on the factory. (Default)

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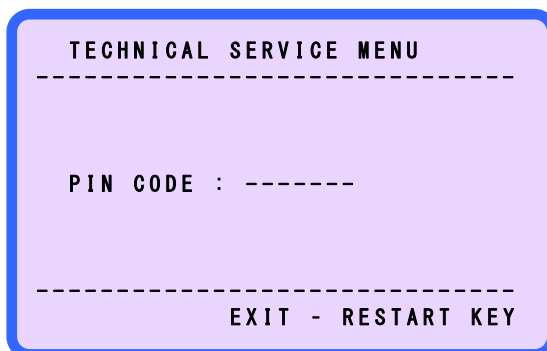


- (6) Program setting is completed.
- (7) Turn the power on.
- (8) The machine show below message on the LCD DISPLAY.



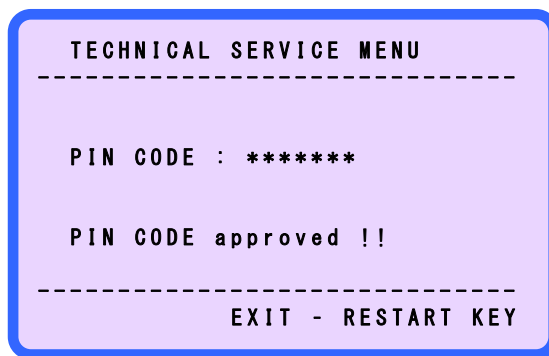
Any Currency Mode is available to calibrate the machine.

- (9) Press and hold down the **RESTART** Key. The machine show below message on the LCD DISPLAY.



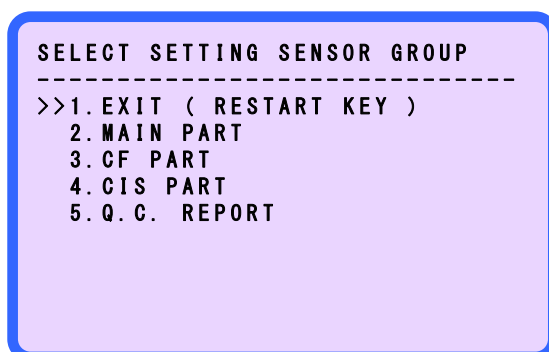
- (10) Enter the PIN CODE,
Press and hold down **+10** → **CURRENCY** → Press and hold down **RESTART**
→ **CF** → **CURRENCY** → **MODE** → **PRINT**".
- (11) Display shows as below.

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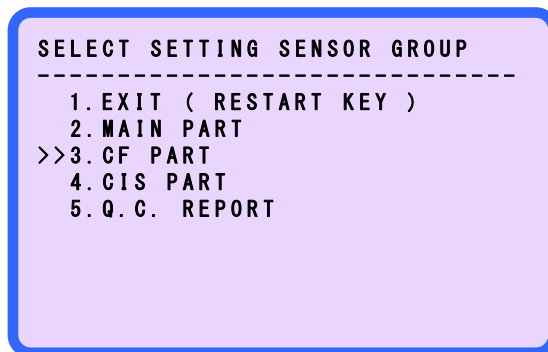


(12) If you want to exit the TECHNICAL SERVICE MENU, press the **RESTART** key.

(13) Press and hold down the **RESTART** Key until the machine shows below message on the LCD DISPLAY.



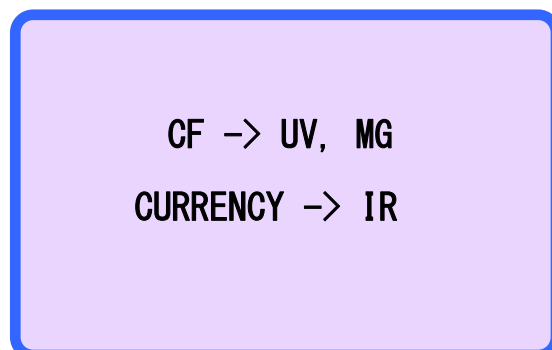
(14) Press the **MODE** Key until the machine shows below message on the LCD DISPLAY.



The item No. 3 is selected.

(15) Press the **MODE** key and select the item 3, 3. CF PART.

(16) Press the PRINT key and enter the item 3.3 CF PAER.



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Press the **CF** key and display shows as below.

```
SELECT SETTING CURRENCY
```

```
-----  
EXIT  
1. EUROPEAN  
>>2. AMERICA  
3. SYRIA  
4. SOUTH AFRICA  
5. TURKEY  
6. ENGLAND
```

(17) Press the **MODE** key and select the item 2, 2. AMERICA. (The case is USD)

(18) Press the **PRINT** key and enter the item 2, 2. AMERICA.

```
CF GROUP OF AMERICA
```

```
-----  
>>EXIT  
1. UV MODE  
2. MG MODE  
3. DEFAULT DATA LOAD  
4. SERIAL TRANS
```

(19) Press the **MODE** key and select the item 4, 4. SERIAL TRANS.

(20) Press the **PRINT** key and enter the item 4, 4. SERIAL TRANS.

```
CF GROUP OF AMERICA
```

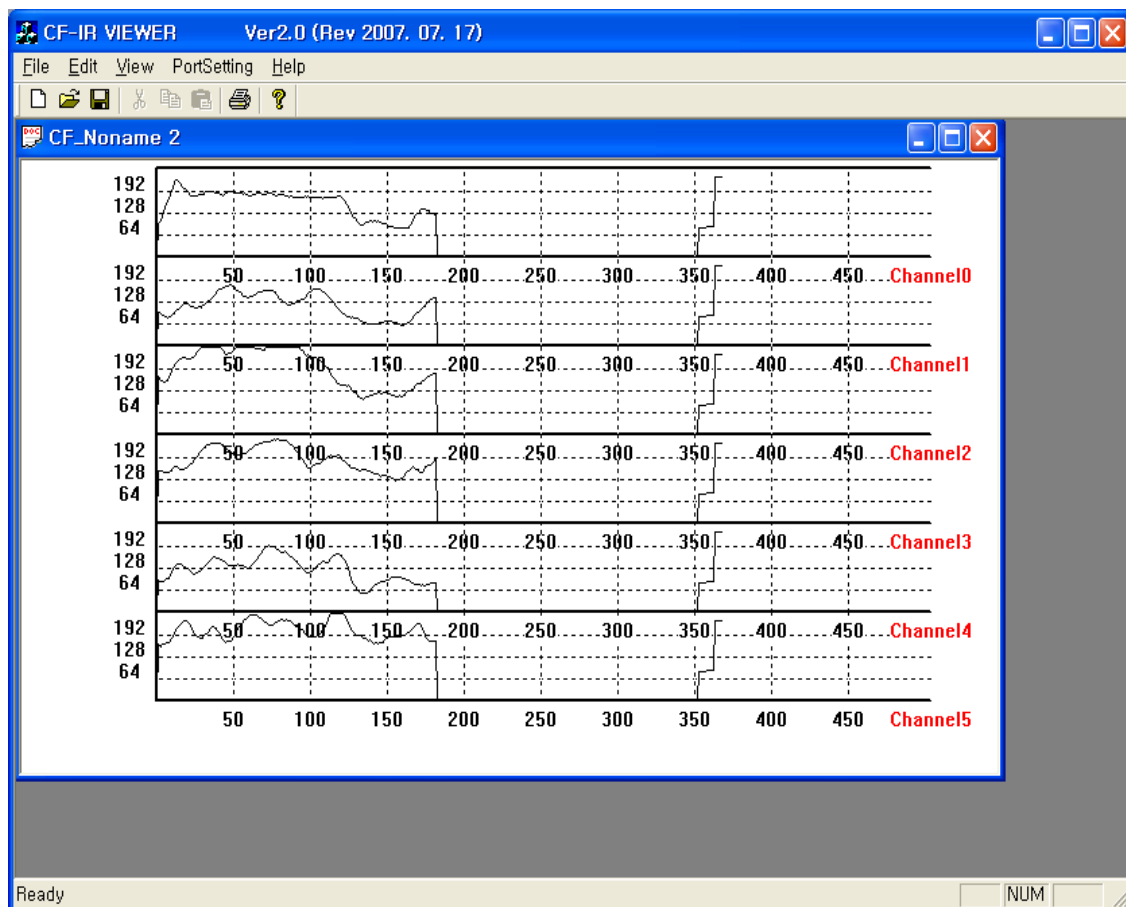
```
-----  
EXIT  
>>4-1. TRANS UV DATA  
4-2. TRANS MG DATA
```

(21) Press the **MODE** key and select the item 4-1, TRANS UV DATA.

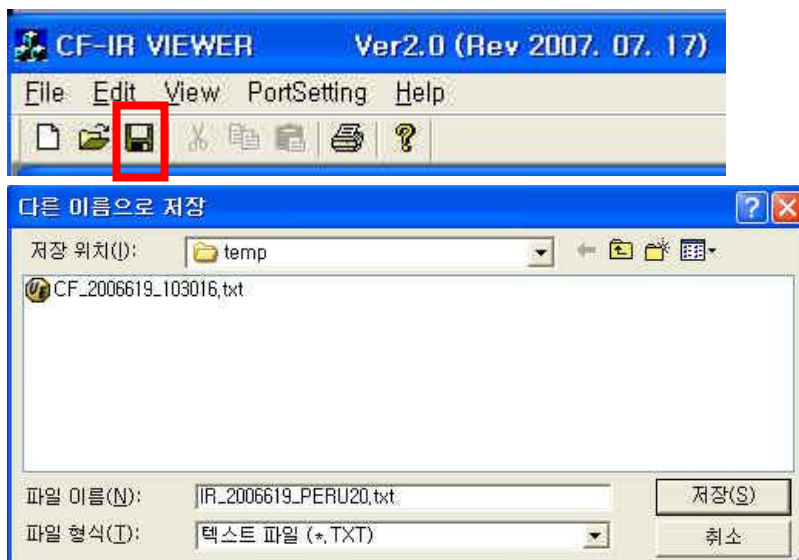
(22) Put the Counterfeit on HOPPER and press the **PRINT** key.

(23) The machine works automatically and the data will be shown on the PC program.

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(24) Click the save icon for saving UV data.



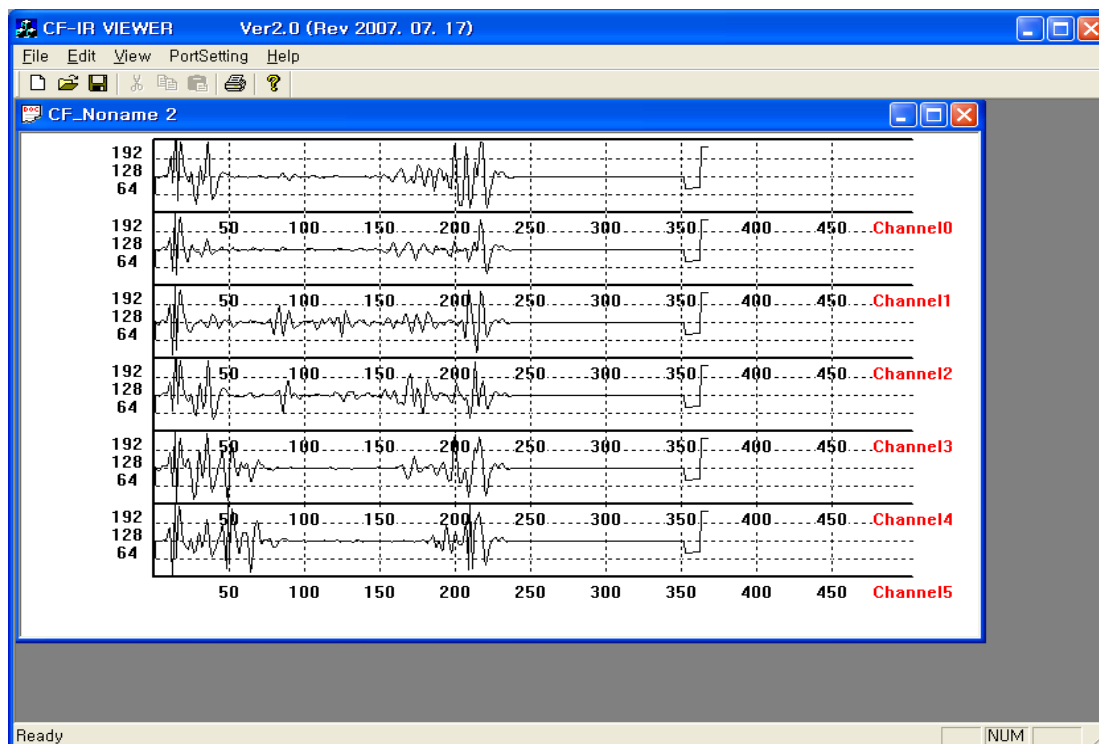
When you save the data, please note the information of inserted test note, for example, currency and denomination and direction.(Ex) UV_R100_FF : R100 and **Face Front** direction)

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- (25) Try again item (22) ~ (24) to get the data of the other 3 side of the notes.
- (26) Press the **MODE** key and select the item 4-2, TRANS MG DATA.

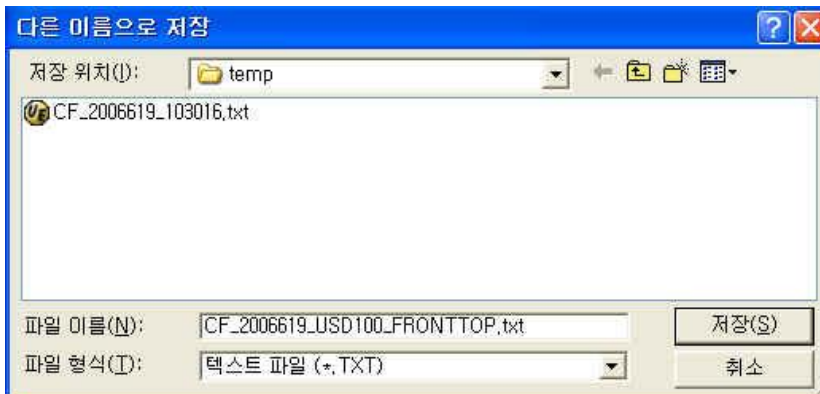
```
CF GROUP OF AMERICA
-----
EXIT
4-1. TRANS UV DATA
>>4-2. TRANS MG DATA
```

- (27) Put the Counterfeit on HOPPER and press the **PRINT** key.
- (28) The machine works automatically and the data will be shown on the PC program.



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Click the save icon for saving MG data.



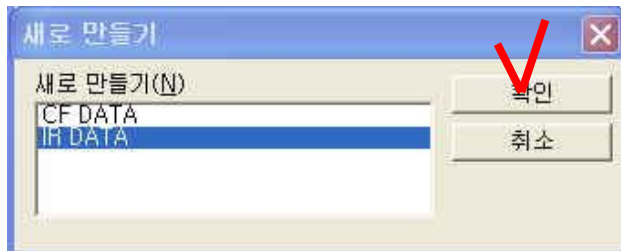
When you save the data, please note the information of inserted test note, for example, currency and denomination and direction.
(Ex) MG_R100_FF : R100 and **Face Front** direction).

(29) Try again item (22) ~ (24) to get the data of the other 3 side of the notes.

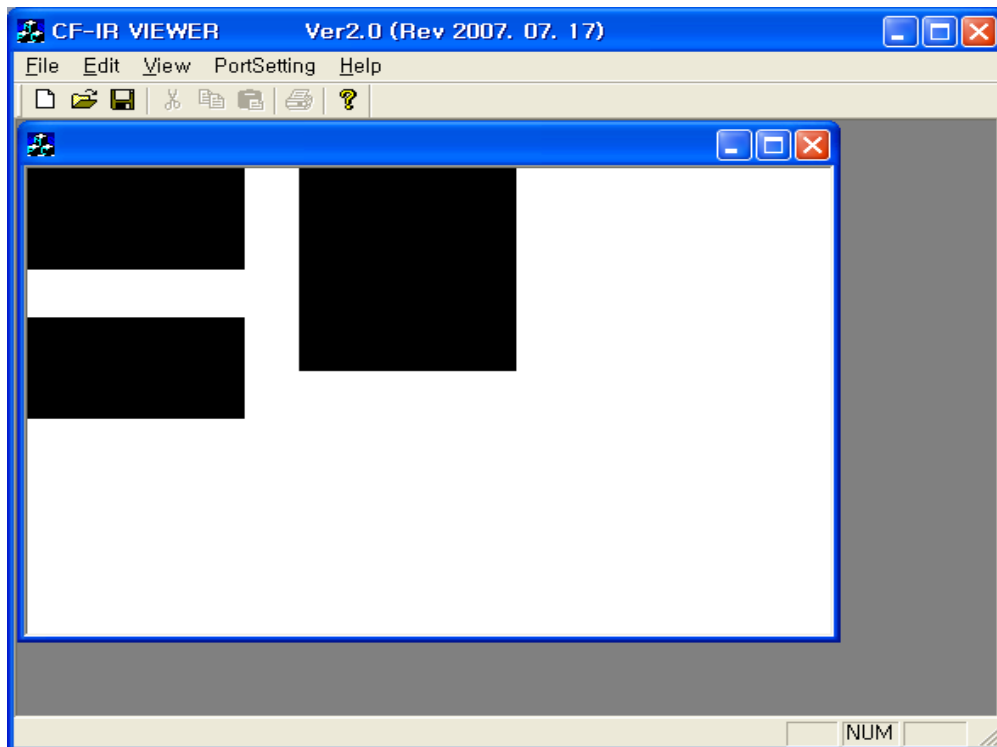
MAGNER 150 Upgrade and Calibration Guide

How to use IR image viewer

- (1) Connect the PC and Magner 150 with serial cable.
- (2) Execute CF_IR_VIEWER_2.0.exe file.
- (3) Display shows as below.

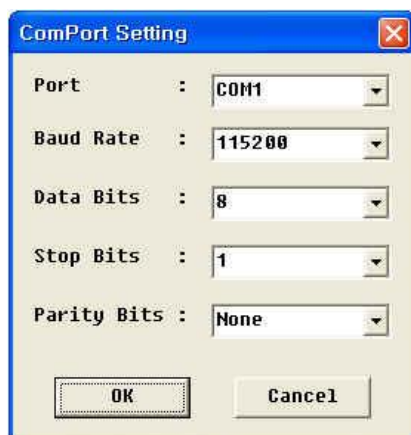


- (4) Select IR DATA and click OK.
- (5) IR image Viewer appears.

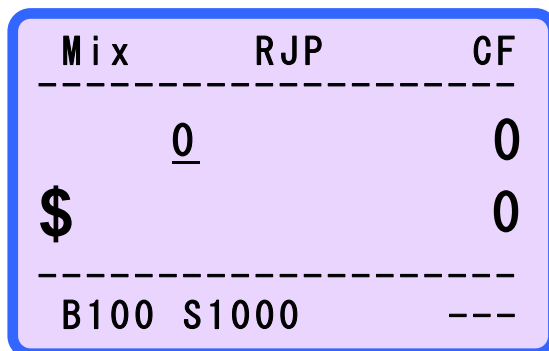


- (6) Select **PortSetting** Menu to set serial port and baud rate.
Baud rate is set 115200bps on the factory. (Default)

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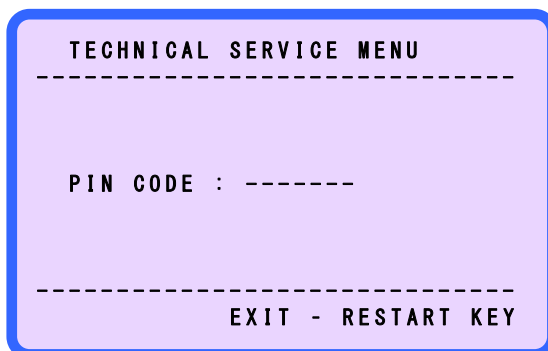


- (7) Program setting is completed.
- (8) Turn the power on.
- (9) The machine show below message on the LCD DISPLAY.



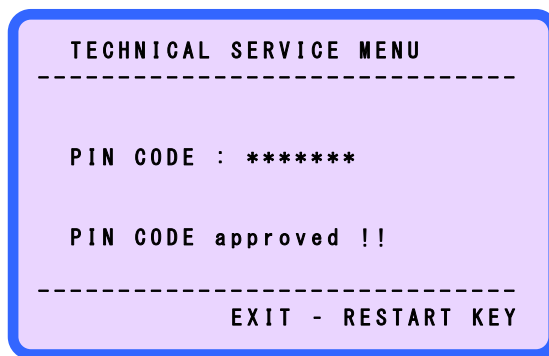
Any Currency Mode is available to calibrate the machine.

- (10) Press and hold down the **RESTART** Key. The machine show below message on the LCD DISPLAY.



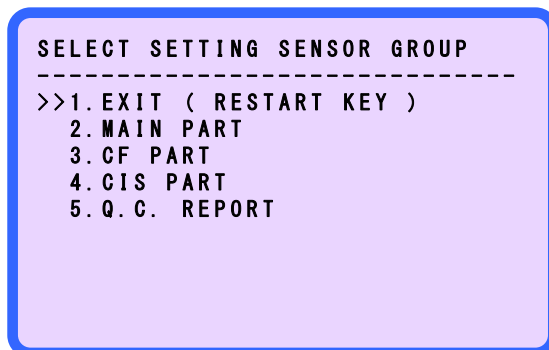
- (11) Enter the PIN CODE,
Press and hold down **+10** → **CURRENCY** → Press and hold down **RESTART**
→ **CF** → **CURRENCY** → **MODE** → **PRINT**".
- (12) Display shows as below.

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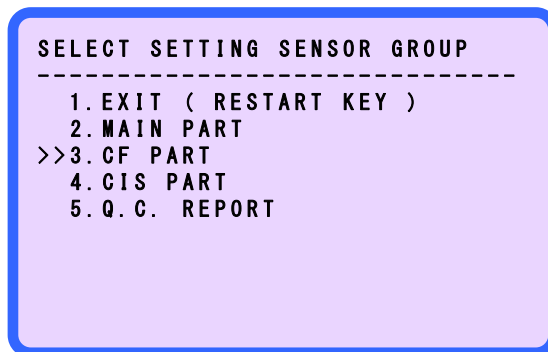


(13) If you want to exit the TECHNICAL SERVICE MENU, press the **RESTART** key.

(14) Press and hold down the **RESTART** Key until the machine shows below message on the LCD DISPLAY.



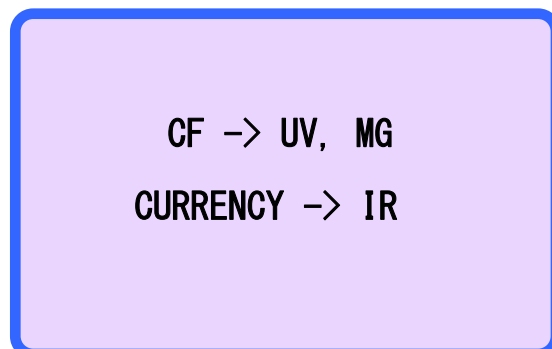
(15) Press the **MODE** Key until the machine shows below message on the LCD DISPLAY.



The item No. 3 is selected.

(14) Press the **MODE** key and select the item 3, 3. CF PART.

(15) Press the **PRINT** key and enter the item 3, 3. CF PART.

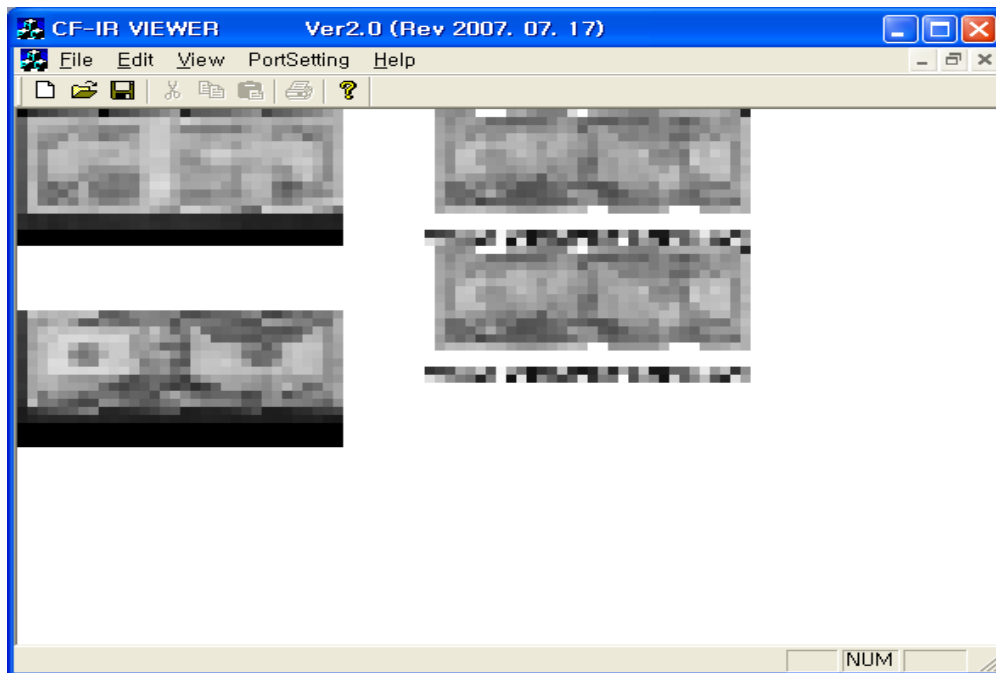


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Press the **CURRENCY** key and display shows as below.

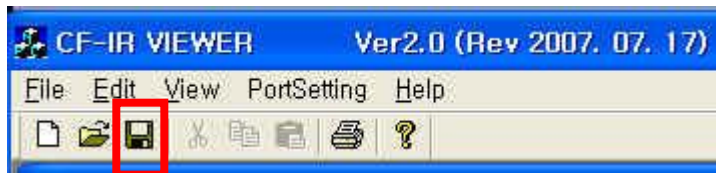


- (16) Press the **MODE** key and select the item 3, 3. IR VIEW IMAGE.
- (17) Put the test note on the Hopper.
- (18) Press the **PRINT** key and the note is inserted automatically.
- (19) IR image appears on the screen.

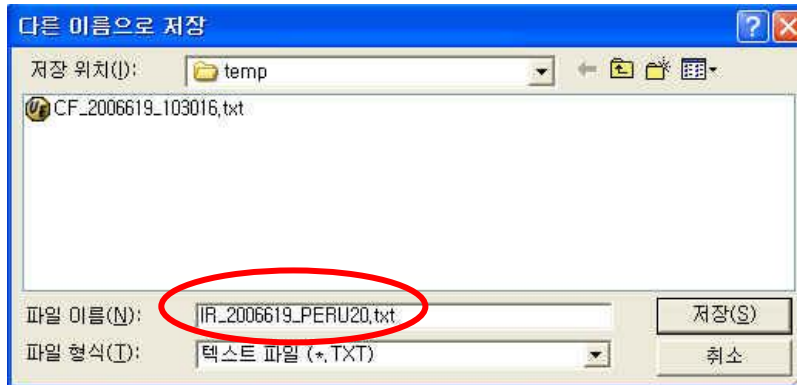


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(22)



Click the save icon for saving IR data.



The file format is *.txt

After saving, please check the file capacity.

When you save the data, please note the information of inserted test note, for example, currency and denomination and direction.(Ex) IR_R100_FF : R100 and **Face Front** direction)



(Front Face direction)



(Front Reverse direction)



(Back Face direction)



(Back Reverse direction)

Try again item (17) ~ (22) to get the data of the other 3 side of the notes.