

DATATRON III

MODELS 5881 (V2.00)

Revision Date: May 2009

Features:

1. Support up to 893 users.
2. A lost card can be deleted via the control card with keypad.
3. A lost card can be invalidated and replaced by a higher level card, meanwhile the card's original copy count remains unchanged.
4. The total account of each PIN card can be checked via the controller. The report can also be printed out to a 9600 baud SH-42 optional serial printer.
(Note: Serial printer is an optional device)
5. Data in the controller will not be lost due to power failure.
6. The counter increment for #1 and #2 cartridges are programmable from 0.01~99.99 respectively via control card.
7. The maximum value of each card can be set up to 6 digits (999999).
8. The total account made of the Datatron III can be checked via the control card.
9. This controller works with any brand of copier which has both a counter signal output and a copier shunt.(on/off switch)

Specifications:

LED : 2 Lines 32 Characters (Backlit for optional device).

Keypad : 4 x 4 Flat-Membrane Keypad.

Power Requirements: DC5V 1A or AC220V (110V) to DC5V 1A Adapter

Reader : Magnetic Card Reader,
Insertion Type, ISO, ABA Track II.

Environment : Temperature: 0°C~50°C(32 F~122 F).

Humidity : 20 %~90%.

Dimensions : 180mm x 102mm x 62.5mm
(7.08" x 4.01" x 2.46")

Weight : 1.76LBS (0.8KGS).

Messages Descriptions

INSERT DATATRON : Stand-by (Normal)

User Card Facility Error : Facility Code of User Card can't
match Datatron III

Control Card Facility Error : Facility Code of Control Card can't
match Datatron III

Card Number overflow: Over the card capacity

Nonmember JCM Card : The Card not for Datatron Controller

Control Card Error : The Control Card is mistake

Insert Control Card : Insert Control Card into Reader

Error : Card was inserted when powered on

Speed abnormality : Abnormal Card insertion speed

Illegal User : Illegal Card (The card ID is shown on
the second line of LCD, it means the card
never be added, please insert the control
card, then Press "1" to add the card and
set card value

PV : Maximum value

P : Current value

Machine Load Command : Waiting for command

Counter beep : Counter beeper ring

Del Card : Delete Card (s)

Set P : Set the maximum value

Clear Count : Reset counter of Card (s)

Amount : Total counter of Datatron III

DelAmut : Reset the copy count

B : Start Card ID

E : Ending Card ID

N : Card ID

Quit : Exit

#1 Cost : Set unit price of #1

#2 Cost : Set unit price of #2

Function Keys Descriptions:

A : Confirm Key ("A" Key must be pressed to confirm a command action be done)

B : Go to next field

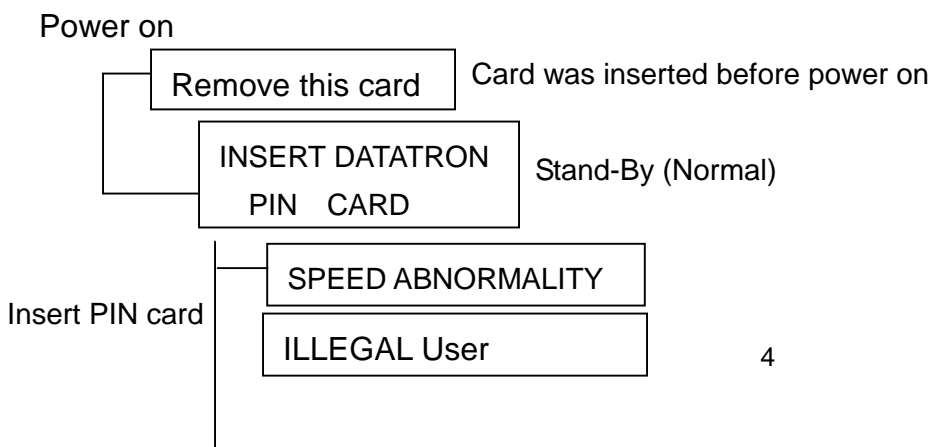
C : Return to the previous screen

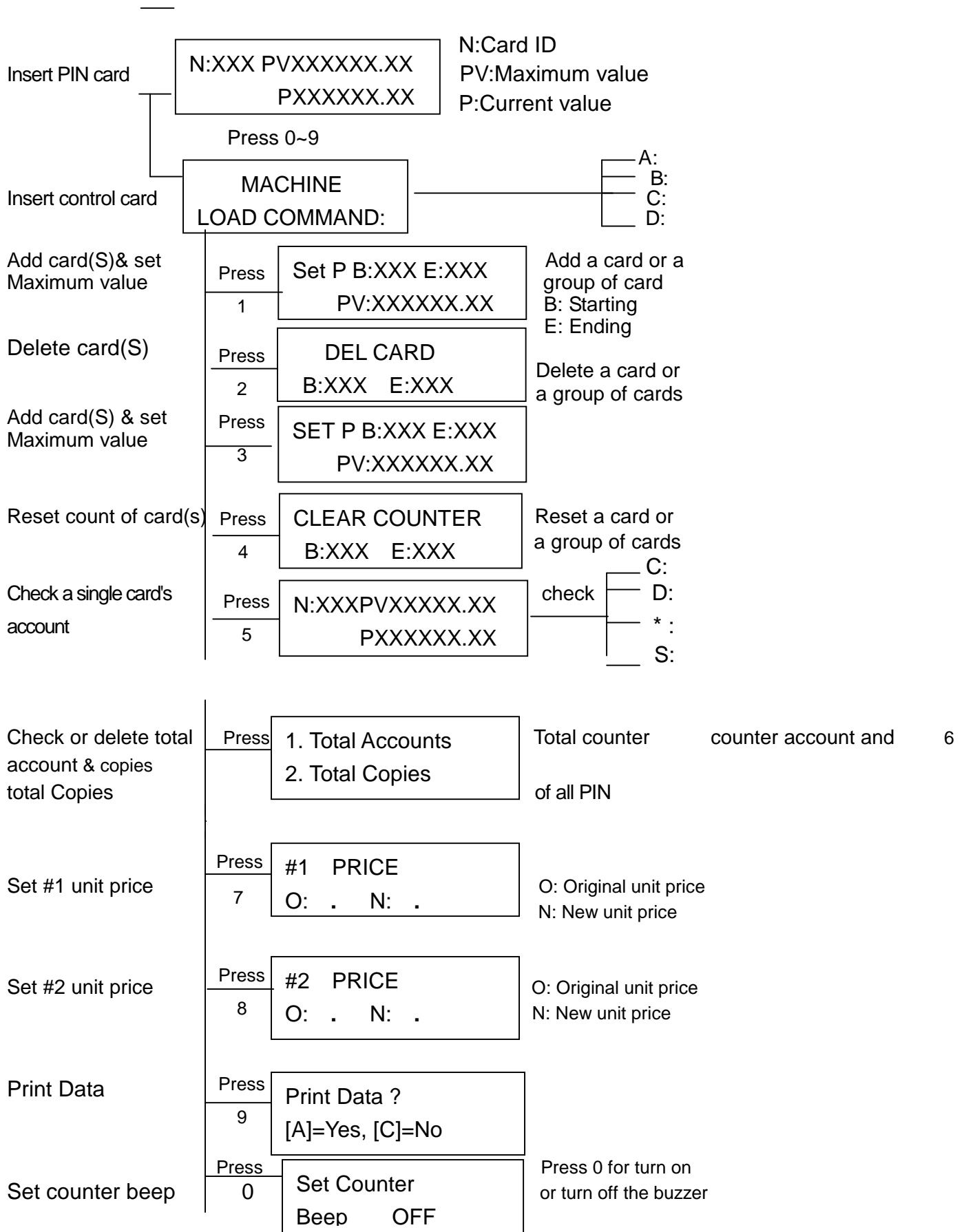
D : Clear screen

* : Search upward

S : Search forward

Flow Chart of Datatron III Controller





NOTE: A,B,C,D,*,S: Please refer to the function key description.

Operation:

1. Add Card (s) and Set the maximum copy count:

Step: 1. Insert Control Card

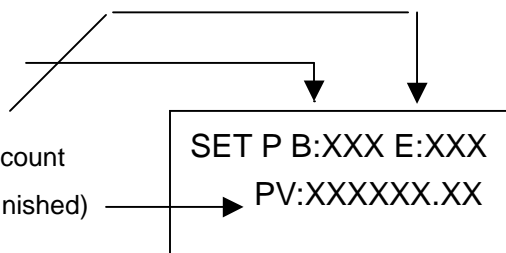
2. Press 1

3. Key in the starting ID XXX

4. Key in the ending ID XXX

5. Key in the maximum copy count

6. Press confirm key "A" (Finished)



Note: If only one card is needed to add, key in

B: XXX (start ID) only, The E: XXX will automatically display the same ID, then press "B" and key in the maximum value, finally press confirm key "A".

2. Delete Card (s):

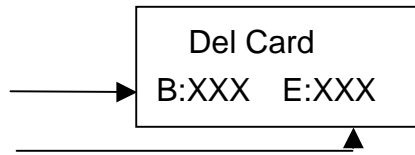
Step: 1. Insert Control Card

2. Press 2

3. Key in the starting ID XXX

4. Key in the ending ID XXX

5. Press confirm key "A" (Finished)



Note: If only one card need to be deleted, key in

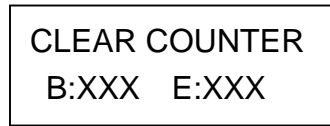
B: XXX (start ID) only, then press "B" and "A" sequentially.

3. Same as item 1

4. *Reset counter of card (s)*

Step: 1. Insert Control Card

2. Press 4
3. Key in the starting ID XXX
4. Key in the ending ID XXX
5. Press confirm key "A" (Finished)



original unit price you set.

Once the PIN card insert, the value will increase one.

**Test: Insert PIN card, the LCD will show the

Note: 1. If only one card need to be reset, key in

B: XXX (start ID) only, then press "A" .

5. *Search a single card's account:*

Step: 1. Insert Control Card

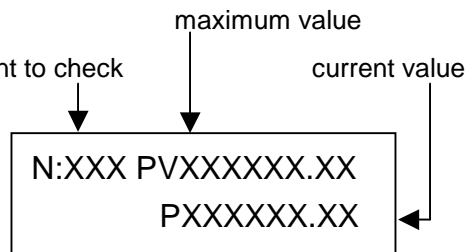
2. Press 5
3. Key in the ID XXX that you want to check

C: Return to the previous screen

D: Clear screen

* : Search upward

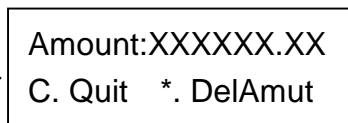
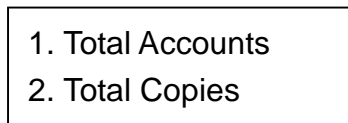
S: Search forward



6. *Search & Delete total PIN accounts or total copies*

Step: 1. Insert Control Card

2. Press 6
3. Press 1
4. You will see all the counter's account.
5. Press * to clear the total counter accounts
6. Press C to exit the action



Same as the above steps to clear the total copies of all PIN Code (Press 2 on item 3, other procedures are the same).

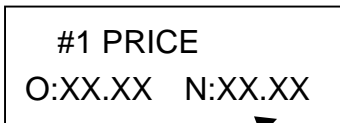
7. Set unit price of #1:

Step: 1. Insert Control Card

2. Press 7 original unit price →

3. Press new unit price →

4. Press confirm key "A" (Finished)



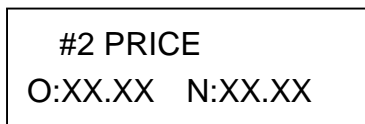
8. Set unit price of #2:

Step: 1. Insert Control Card

2. Press 8

3. Press new unit price →

4. Press confirm key "A" (Finished)



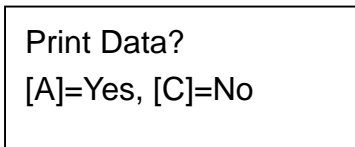
9. Set printer function

Step: 1. Insert Control Card

2. Press 9 →

3. Press confirm key "A" to print out the

total PIN accounts and total vends, otherwise press C to end.



10. Set counter beep on/off

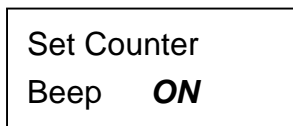
Step: 1. Insert Control Card

2. Press 0

3. Screen shows "Counter Beep ON

it means the beeper is "on" →

4. Press A key for turn on or off the counter buzzer



Note: When you desire to program the maximum copy count for a card, you must pay attention to the current copy count of this card prior to erasing it with the new value.

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