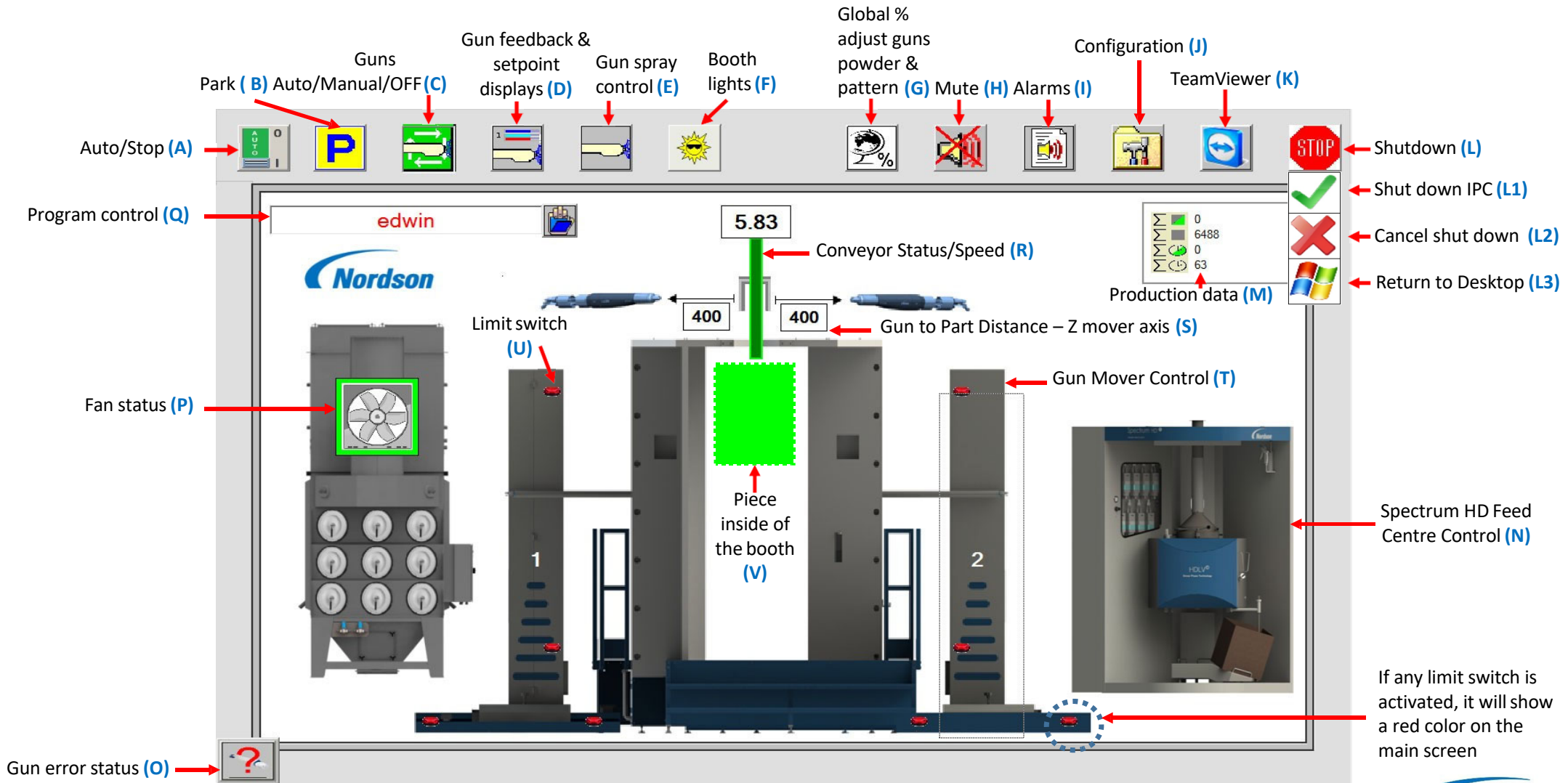


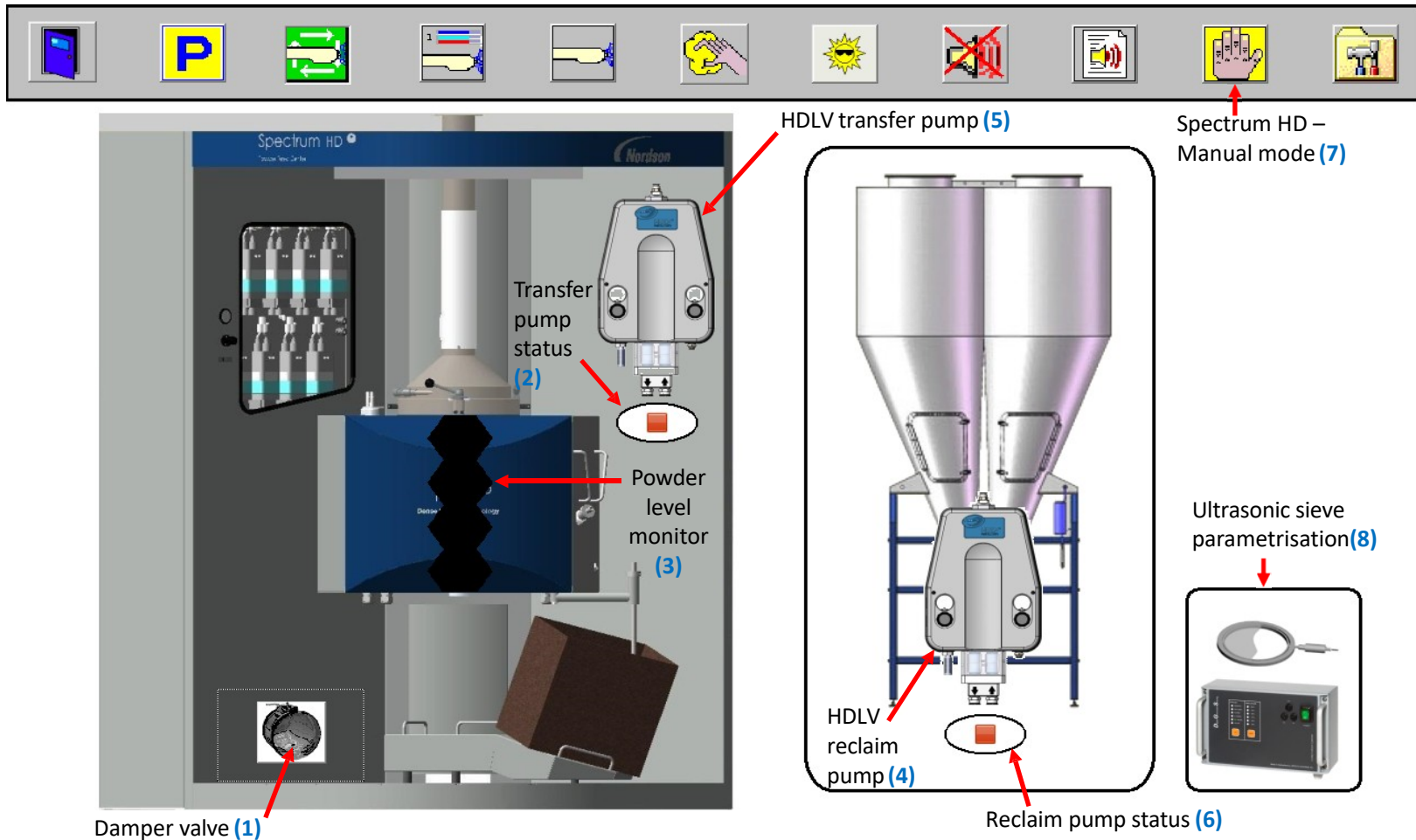
POWDER PILOT HD - OPERATOR CARD



Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.



SPECTRUM HD - STANDARD



Notes:

- Damper valve (1) to open and close lower main duct dumper for cleaning purposes.
- If Spectrum HD is working in manual mode (7), the operator takes full responsibility of the system.
- Powder level monitor (3) has four stages: High level, medium level, low level and hopper empty.
- The pump status (2,6) shows if the pump is enabled to run or not.
- The HDLV pumps (4,5) allow the operator to enable or disable the pump by touching the symbol.

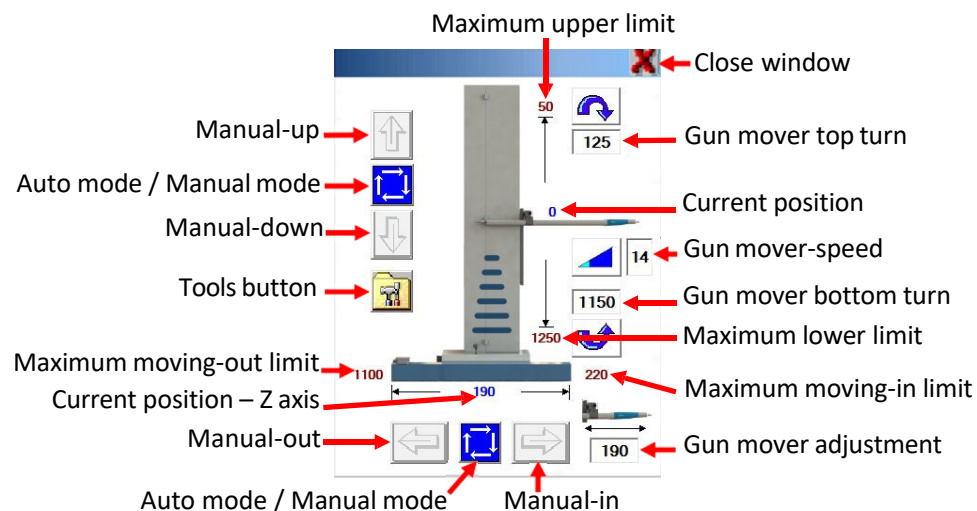


Allow only qualified personnel to perform the following tasks. Follow the safety instructions in this document and all other related documentation.

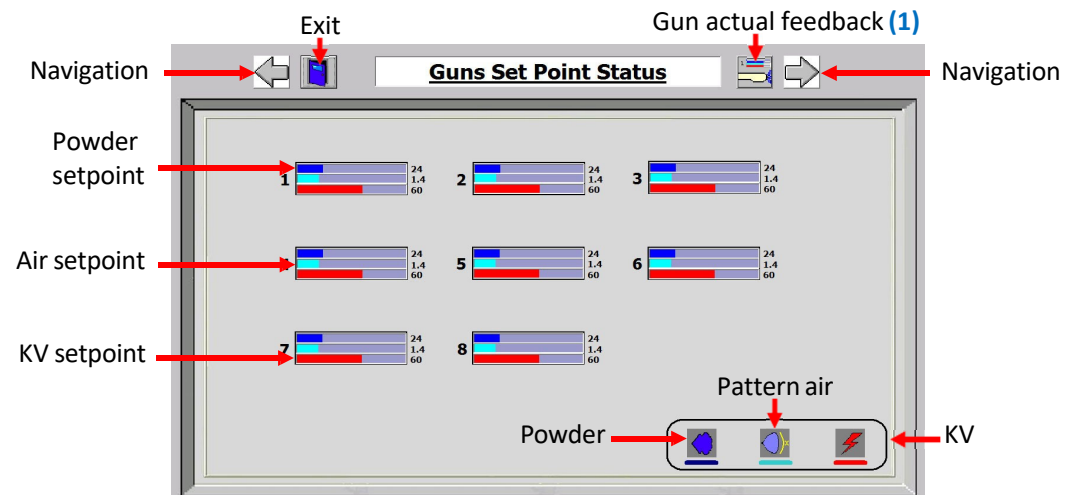




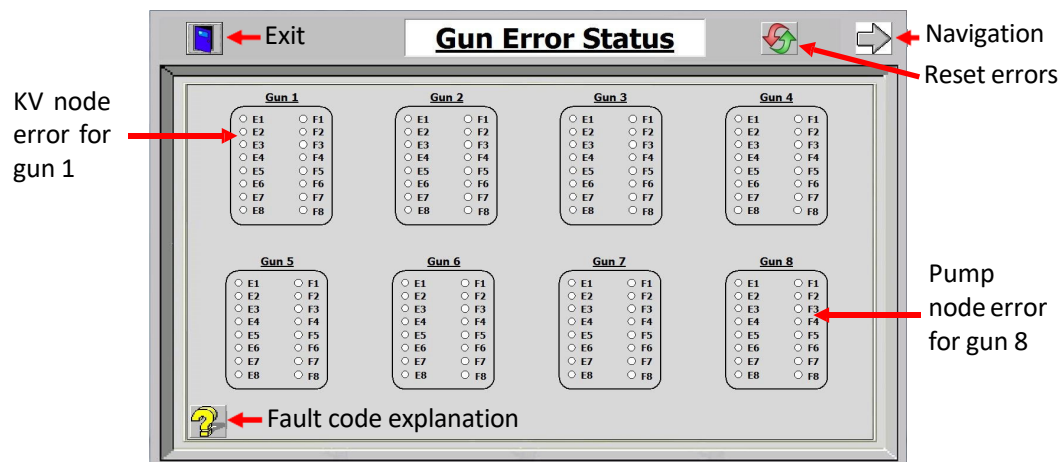
GUN MOVER CONTROL (Press “T”)



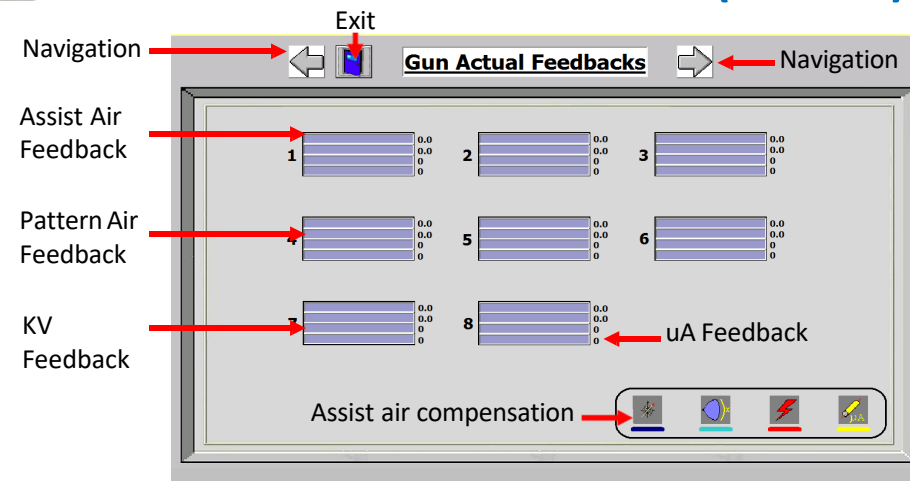
GUN SET POINT STATUS (Press “D”)



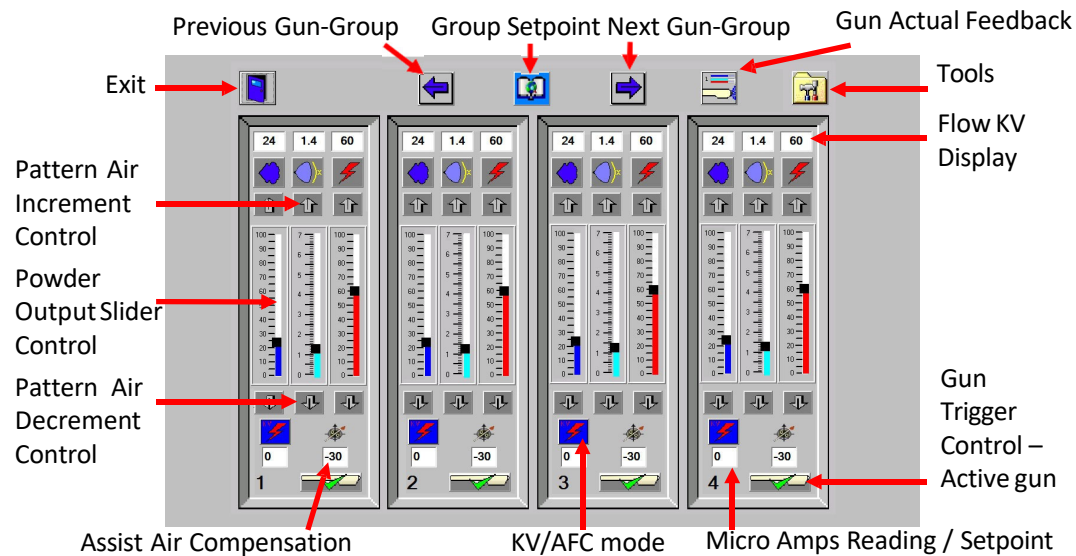
GUN ERROR STATUS (Press “O”)



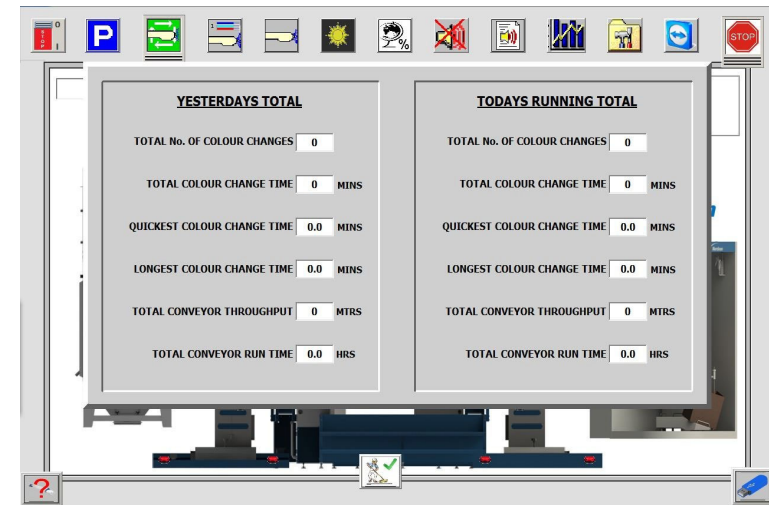
GUN ACTUAL FEEDBACK (Press 1)



GUN SETTINGS (Press "E")

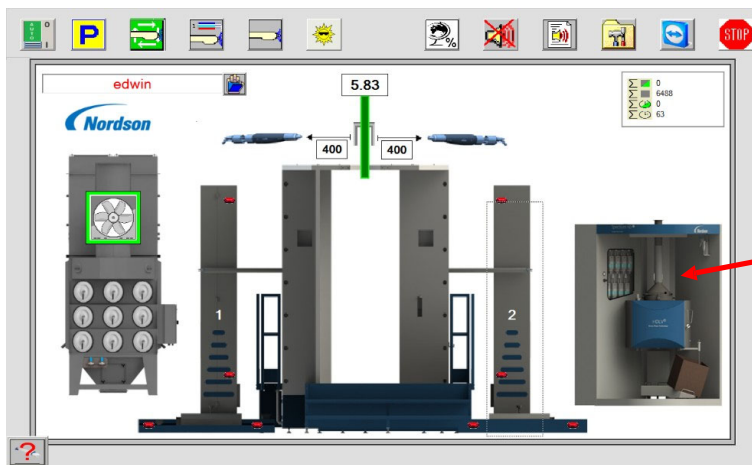


PRODUCTION DATA (Press "M")



COLOR CHANGE: STEP 1

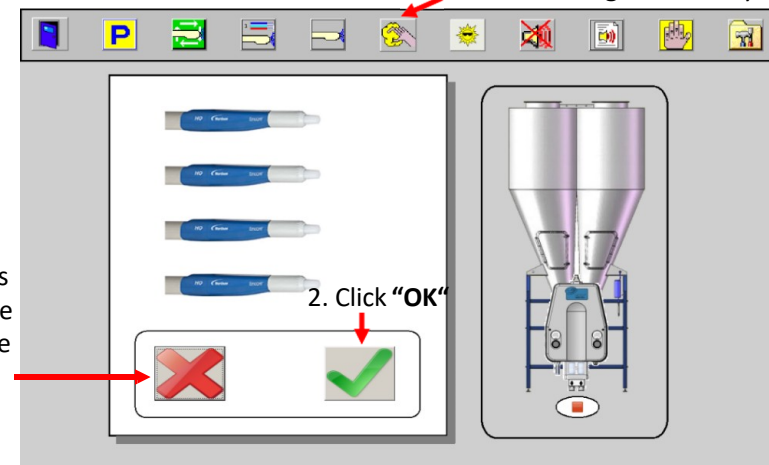
1. Prior to start verify there is no piece inside the booth. After the inspection, close the door



2. Press "N" key on the main screen

COLOR CHANGE: STEP 2

1. Press „change-color“ key

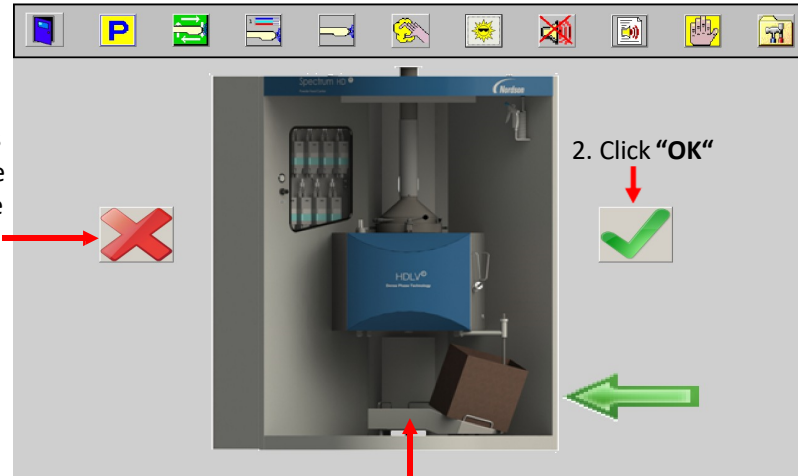


Note: At this moment, the color-change sequence can be cancelled



COLOR CHANGE: STEP 3

Note: At this moment, the color-change sequence can be cancelled



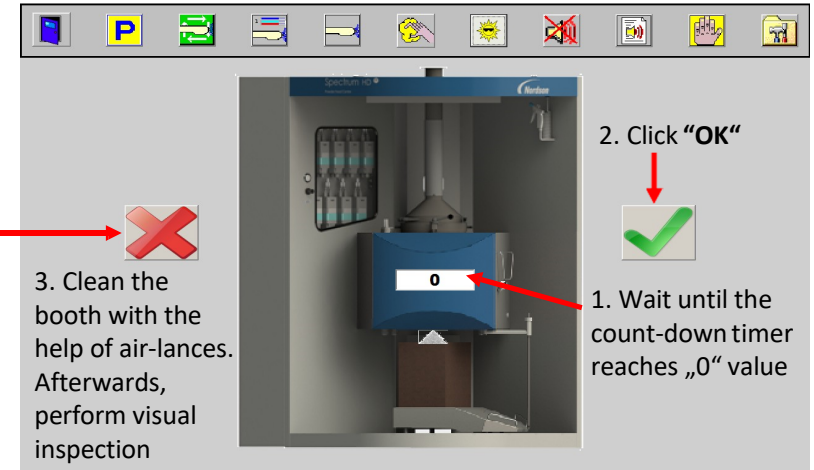
1. Move the powder box underneath the hopper

2. Click "OK"



COLOR CHANGE: STEP 4

Note: At this moment, the color-change sequence can be cancelled



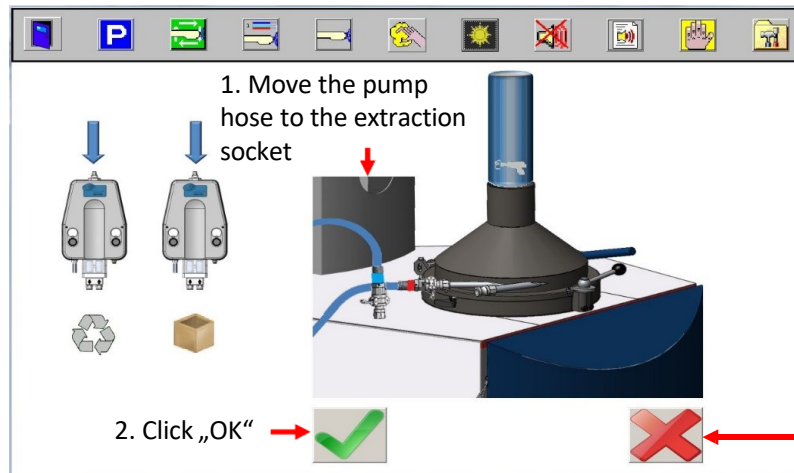
3. Clean the booth with the help of air-lances. Afterwards, perform visual inspection

2. Click "OK"

1. Wait until the count-down timer reaches „0“ value



COLOR CHANGE: STEP 5



1. Move the pump hose to the extraction socket

2. Click „OK“

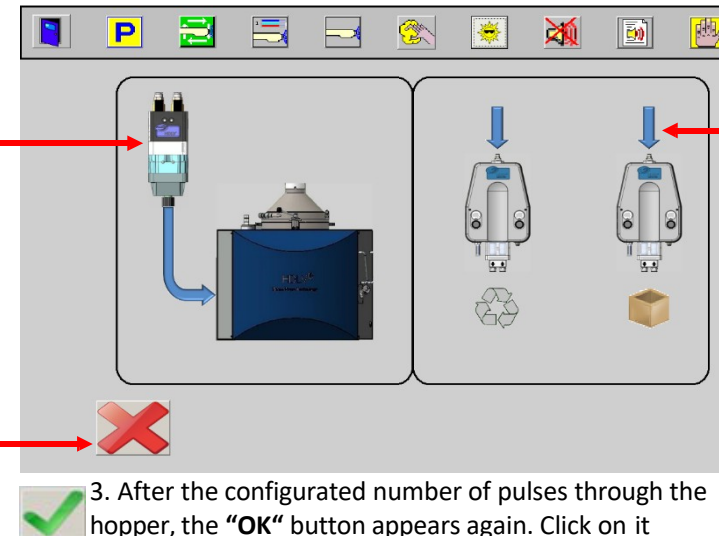
Note: At this moment, the color-change sequence can be cancelled



COLOR CHANGE: STEP 6

1. Hopper cleaning from the inside.

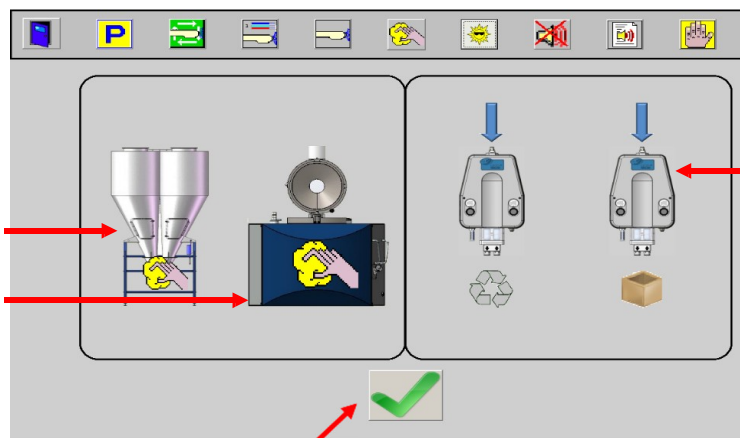
Note: At this moment, the color-change sequence can be cancelled



2. Start cleaning the HDLV pumps by touching the pump symbols. Besides clean outside the feed center and prepare new powder.

3. After the configured number of pulses through the hopper, the "OK" button appears again. Click on it

COLOR CHANGE: STEP 7



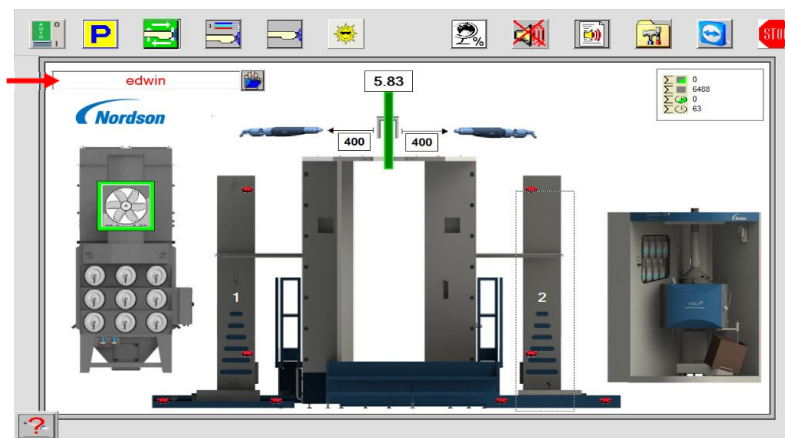
1. Manually clean cyclone and hopper

2.- Cleaning of the pumps can be activated by touching the pump symbols

3.- When complete, the "OK" button will take the operator back to the Spectrum HD control screen

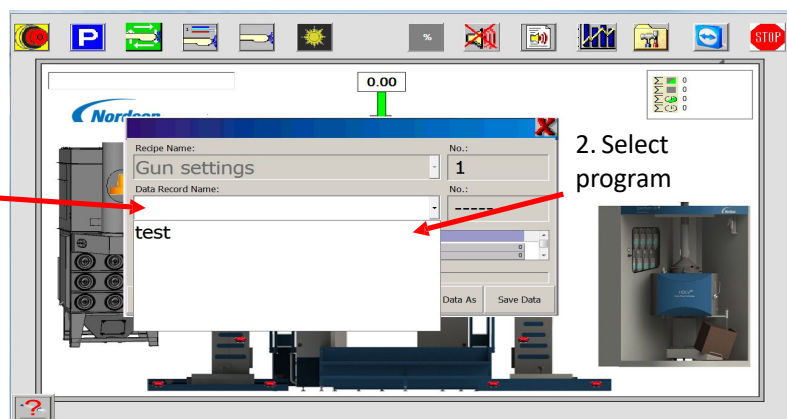
4. Finally, clean the hose socket for the virgin and recycling pumps to avoid powder-contamination

LOAD PROGRAM: STEP 1



1. Press "Q" key

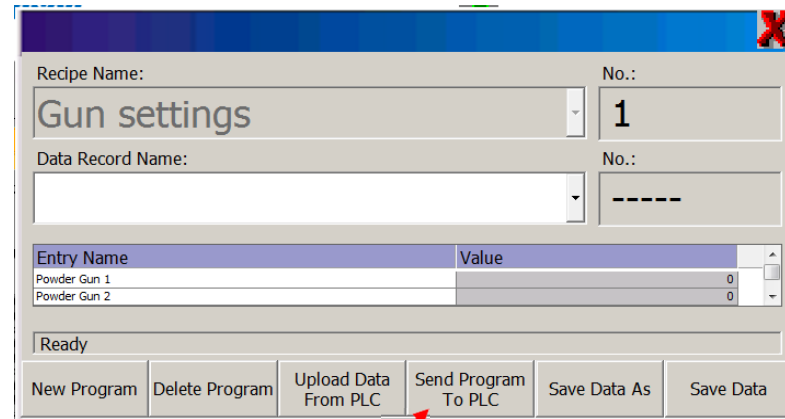
LOAD PROGRAM: STEP 2



1. Press "Data Record Name" field

2. Select program

LOAD PROGRAM: STEP 3



2. Press "Exit" key

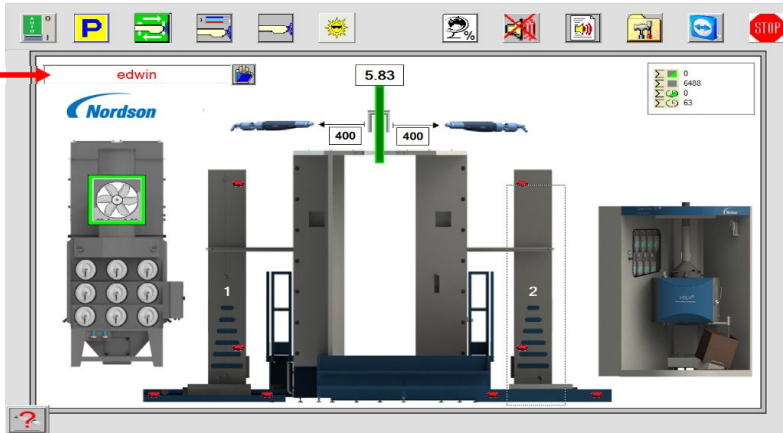
3. Verify on the main screen the current program running in the PLC.

1. Press "Send Program To PLC" key



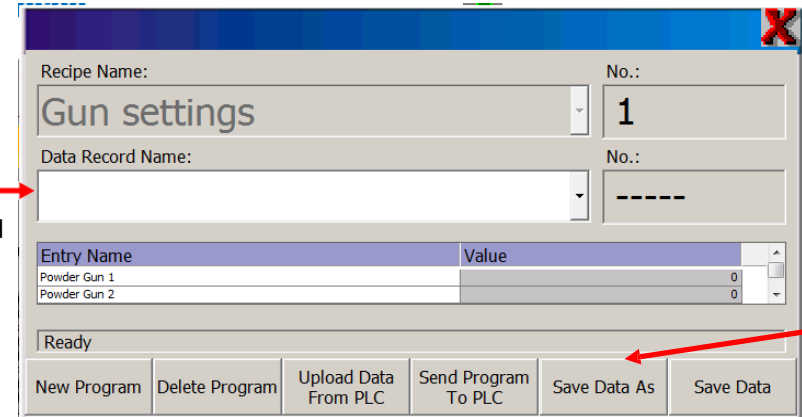
SAVE PROGRAM AS: STEP 1

1. Press **"Program control"** key



SAVE PROGRAM AS: STEP 2

1. Press **"Data Record Name"** and select program

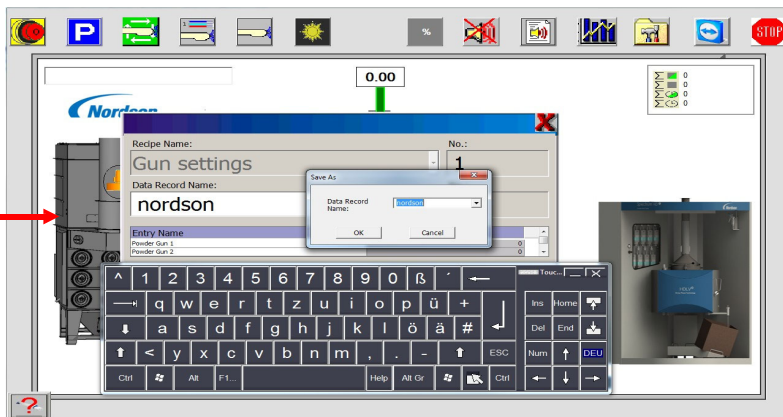


2. Save program with a new name by touching **"Save Data As"** key

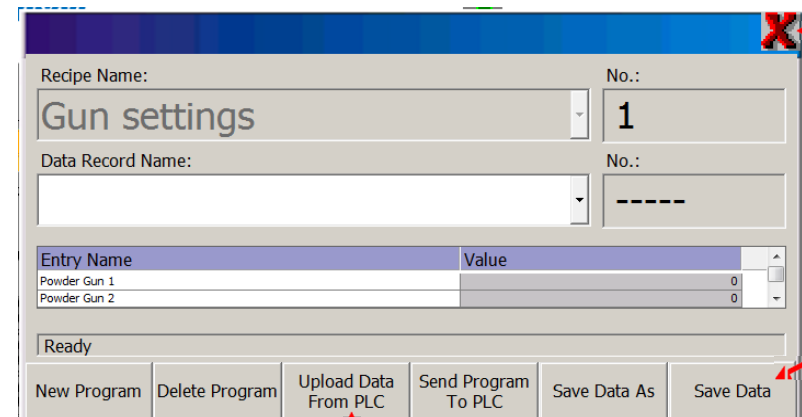


SAVE PROGRAM AS: STEP 3

1. Touch **"Data Record Name"** key and enter the new program name



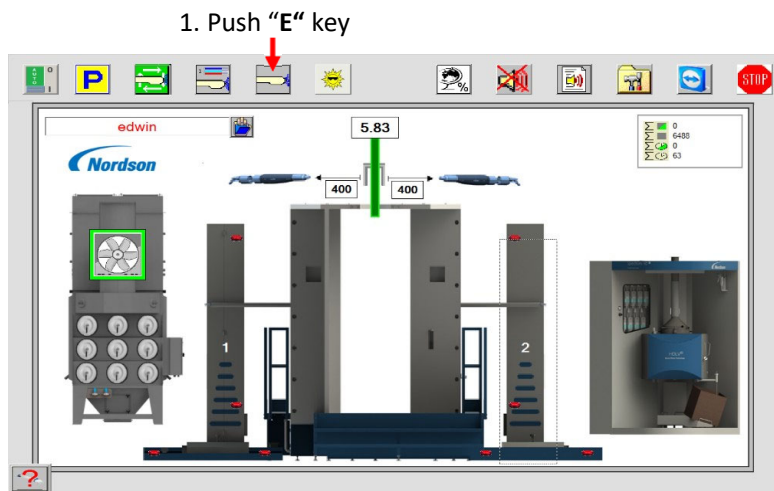
SAVE PROGRAM AS: STEP 4



3. Press **"Exit"** key
1. Save program by touching **"Save"** key

2. Press **"Upload Data From PLC"** key to move the parameters from the gun control pages into the current program

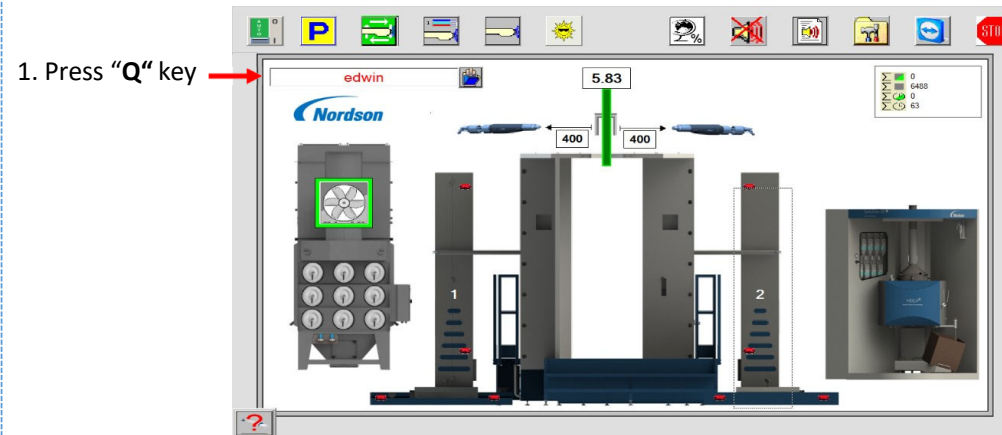
SAVE PROGRAM AS: STEP 5



1. Push "E" key

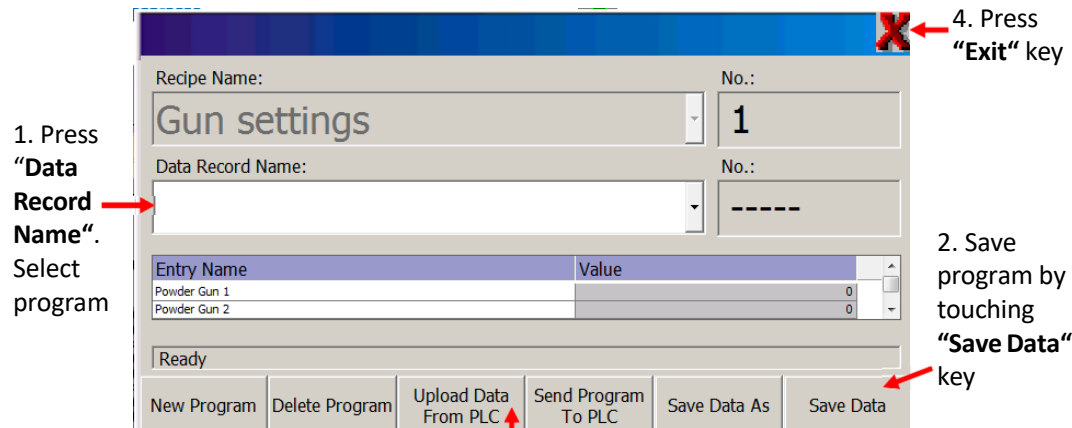
2. A dialog box will pop up, click "Yes" to save changes

SAVE PROGRAM: STEP 1



1. Press "Q" key

SAVE PROGRAM: STEP 2



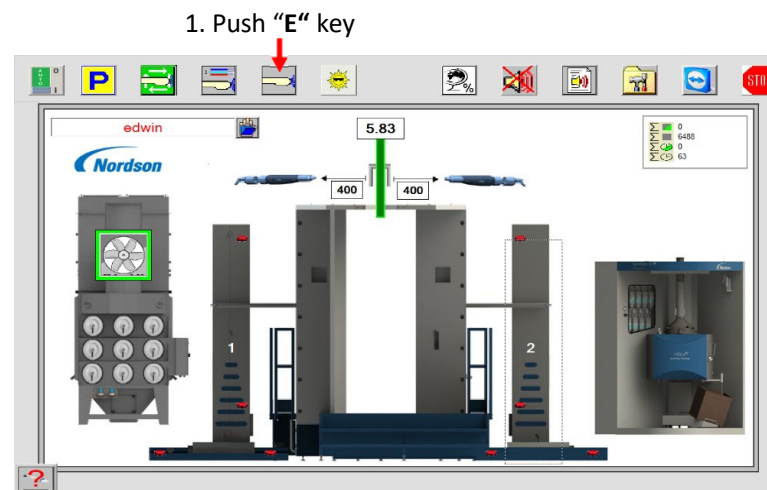
1. Press "Data Record Name". Select program

4. Press "Exit" key

2. Save program by touching "Save Data" key

3. Press "Upload Data From PLC" key to move the parameters from the gun control pages into the current program

SAVE PROGRAM: STEP 3



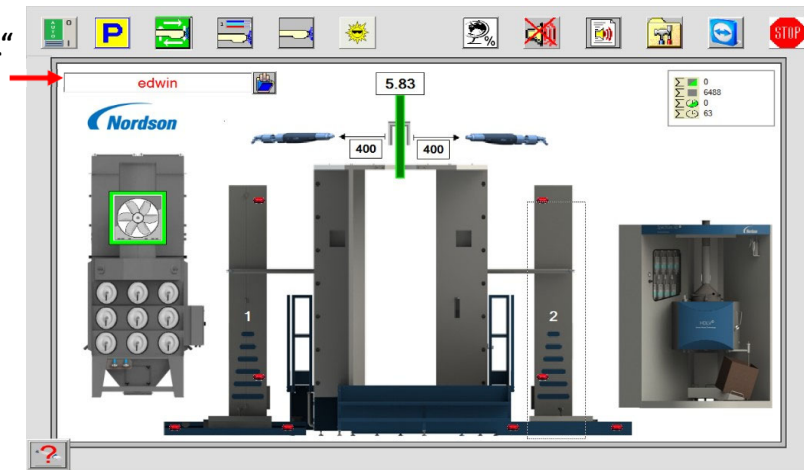
1. Push "E" key

2. A dialog box will pop up, click "Yes" to save changes



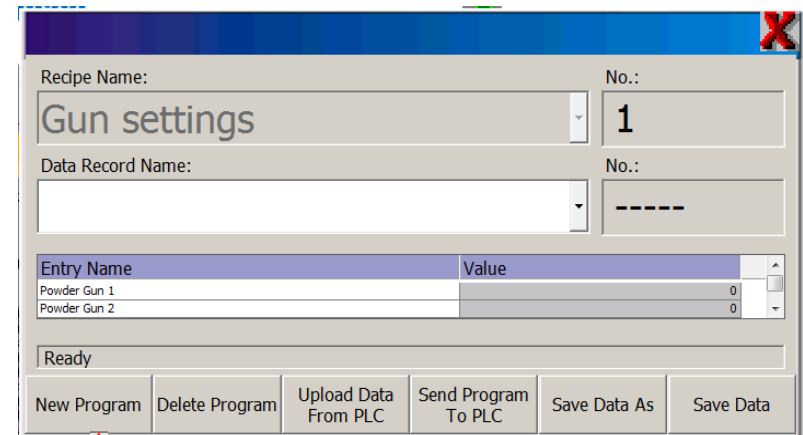
CREATE NEW PROGRAM: STEP 1

1. Press “Q” key



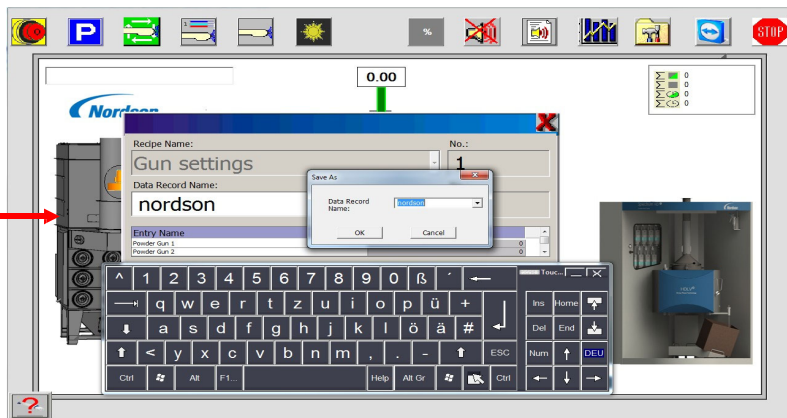
CREATE NEW PROGRAM: STEP 2

1. Press “New Program” key



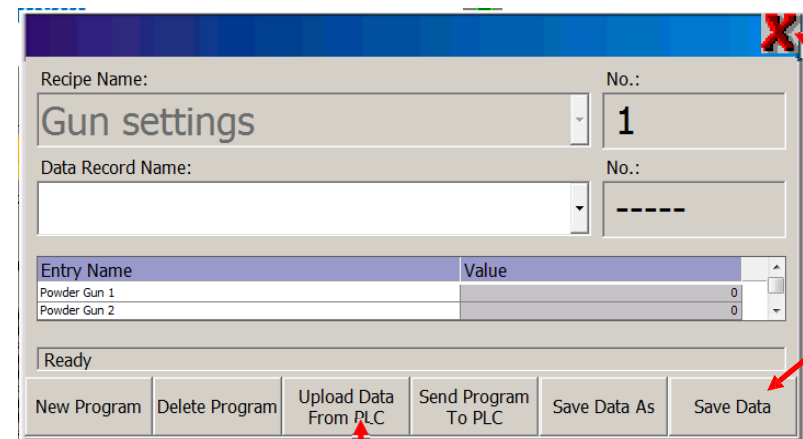
CREATE NEW PROGRAM: STEP 3

1. Touch “Data Record Name” key and enter the new program name



CREATE NEW PROGRAM: STEP 4

2. Press “Upload Data From PLC” key to move the parameters from the gun control pages into the new program



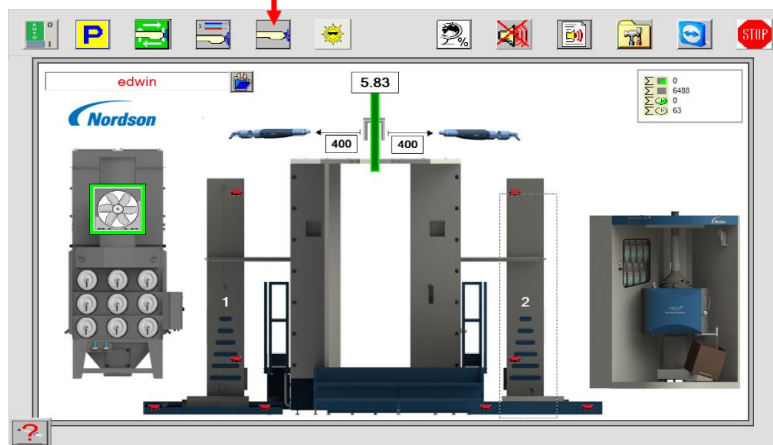
3. Press “Exit” key

1. Save program by touching “Save Data” key



CREATE NEW PROGRAM: STEP 5

1. Push “E” key



2. A dialog box will pop up, click “Yes” to save changes