

- 2) Press “Run-M” and enter manual operation status.
- 3) Press “Pump” button and start pumping vacuum. Make sure canister valve is opened.
- 4) Press “Fill wet gas” or “Fill dry gas ” button and start filling wet or dry zero air, when filling pressure $P1 \geq 30\text{Psi}$, the system will automatically shut down air valve.
- 5) Repeat step 3 and 4 until cleaning process is completed. Press “Reset” to return to default status and exit the operation.

D. Instructions for automatic operation

- 1) Open main menu, select Auto button and open the “Auto Operation Menu”.
- 2) Press “Run-A ” and enter automatic operation status, press “Start” to start auto operation process. The system first enters wet zero air filling process. canisters is filled with wet zero air, The vent valve has been open when air filling pressure reaches $P1$ ($P1=30\text{Psi}$), then the vacuum pump valve open. The system enters wet gas clean cycle.
- 3) When the system reaches set vacuum pressure value, that is $P2 \leq$ set value ($P2$ default value is 500mtorr, it is changeable when needed), the process is shifted to wet zero air filling process.
- 4) When the system enters wet gas filling process, canister is filled with wet zero air(dry zero air pass through Humidifier get humidity), air