



F- Indicates the MQC is in Full Cycle Operational Mode.

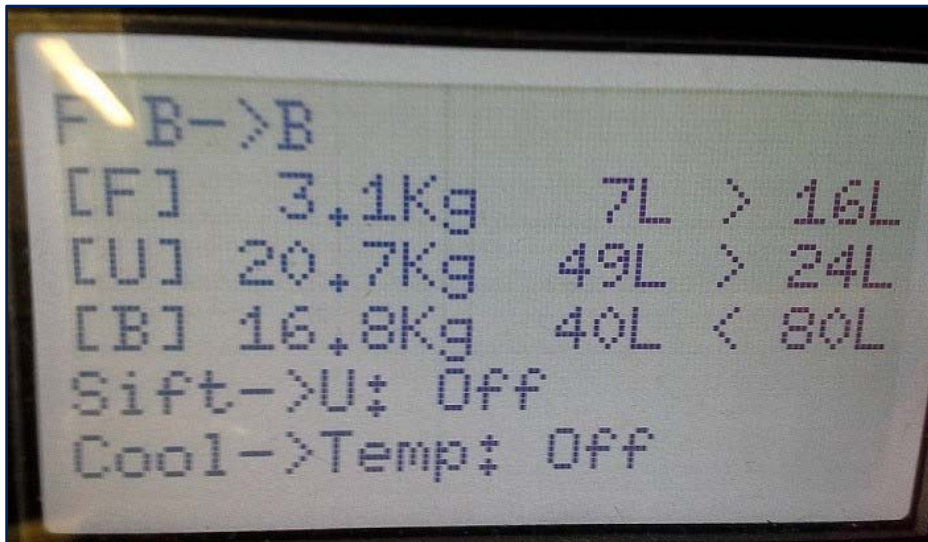
There are 3 operational modes:

- Full Cycle (all operations)
- Local Cycle (all operations except sending powder to ProX500)
- Stop (change settings, etc.)



In Full Cycle mode, the MQC will:

- Blend Powder (if enough available powder)
- Send Powder to ProX500 (when ProX 500 requests)
- Recirculate Powder in Used and Blended bins
- Allow Powder sifting
- Allow cooling cycle



In the above screen, the MQC is in Full Cycle (F) and recirculating the powder in the Blended bin.

There is:

- 7L in the Fresh Powder Bin
- 49L in the Used Powder Bin
- 40L in the Blended Bin

With the current 40% Blend Ratio, in order to blend powder, the following conditions must be met:

- More than 16L in the Fresh Bin
- More than 24L in the Used Bin
- Less than 80L in the Blended Bin

Changing the blend ratio will change the required amounts of Fresh vs. Used

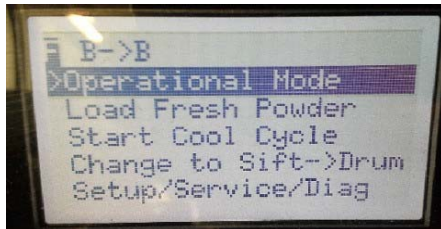
For example a 50% Ratio, will require 20L of powder in both the Used and Fresh Bin



Navigating to the Setup selection to change blend ratio

In order to enter into setup to change blend ratio or other settings, the MQC must be in stop mode.

Push black knob once to bring up the following menu, operational mode is highlighted. Push knob again to select.



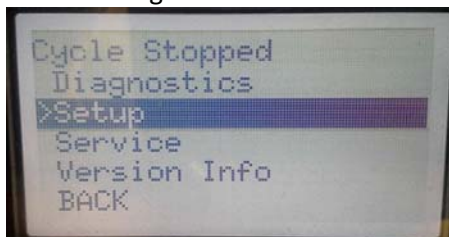
Twist knob to the right to change the selection from Full cycle to Local cycle or Stop Cycle



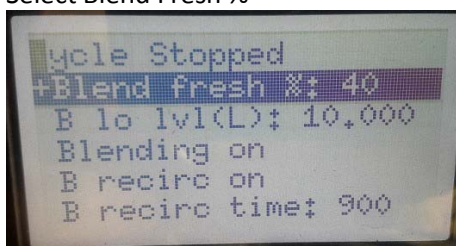
Push knob once to make selection



Push knob again and twist to scroll through the menus and select Setup

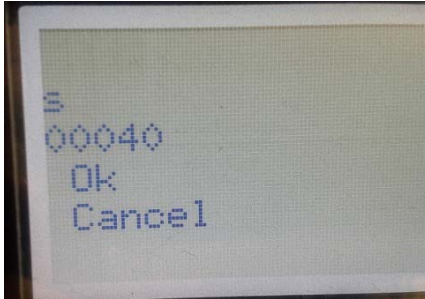


Select Blend Fresh %

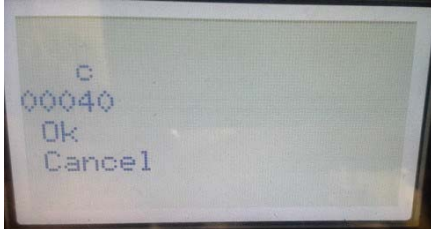




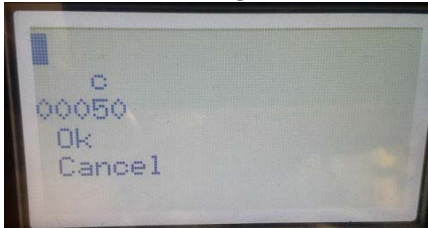
Twist knob to scroll to the right



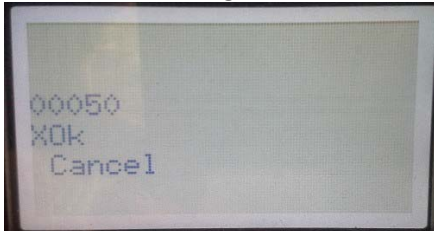
Push knob to select ("s" changes to "c")



Twist knob left or right to increase or decrease value

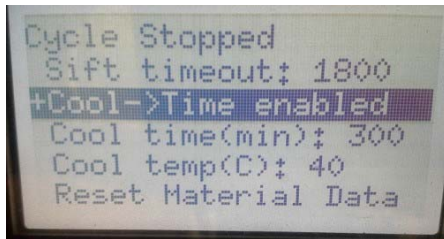
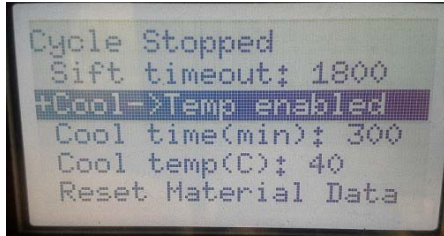


Push knob to change "c" back to "s" and twist to select ok to save change





If you continue to scroll through the Setup menu, you can toggle the N2 cooling method, (temp vs. time)



When finished with the setup menu, you should return to Operational mode menu and place the MQC in either Full Cycle or Local mode so that the Used and Blended bins will recirculate and keep the powder in good condition.