

What's New in Version 1.04

Update Type

S0C1-4N1-4T1.stf contains the following upgrade details.

Firmware V1.04

HMI Touchscreen V1.04

Automatic Changes to Settings...

The Vibrator Start Process changed from 60 to 45 milliseconds.

The Log file option to log powder details every line is defaulted to OFF.

The warmup time is set to 30 minutes overriding any previous settings.

The default profile is reset to factory settings in case installing from V1.00

Install

To install the update, copy the S0C1-4N1-4T1.stf file on the root directory of the Micro SD card, and reinsert the card. The card should automatically take you to the firmware upgrade if not follow the following steps.

1. Turn off the power from the wall and wait 10 seconds.
2. Turn on the powder and wait for the splash screen and then the waiting screen to appear.
3. Touch the waiting screen this will take you to the main menu.
4. Press Sub Menu.
5. Press System
6. Press Setup
7. Press System Core
8. Press Firmware Update

Firmware Upgrade

The Start Button should be enabled in RED and Update Found displayed above that.

Press and HOLD the Start Button for several seconds until the process starts.

What features and operations have changed

1. Warmup time setting changes from HH:MM:SS to just minutes (will default to 30min after upgrade)
2. Options - Timers are now in a consistent format
3. Upon wakeup the system will now check for a for a SD card (version update) and also send a wakeup call to the scale
4. SD card detection has been upgraded to better detect the card is present, connections seated and de-bounce time increased to allow for slower micro SD cards
5. Ready alarm can now be cancelled from SD card out screen
6. New log file format (the existing log files are renamed)
7. When a new log file is created the current powder info is automatically added.
8. Log file option added to enable the powder info to logged on each line
9. Profile text file dump added.
10. Vibrator speed setting user interface upgraded to make it be easier to use
11. All instruments now have a new, easier and more helpful test interface.
12. Profile option "Self-learn Lock", name changed to "Self-learn Lockout" for clarity.
13. Slow and pulse have now been separated from the main profile screen
14. On the main profile screen, any turned off instrument will be dulled down to indicated that it is not in use
15. On the main profile screen, if the self-learn is turn off it will be dulled down to indicated that it is not in use
16. Added Hourglass to scales calibration process
17. Button color changes; on charge screen "Profile..." and Main Menu "Setpoint" to better help user intuition.
18. Arrow buttons shape change to help with visual consistency.
19. Pulse control improved to allow slower operation.
20. The Auto operation is no longer cancelled when returning from the Profile settings.-