

Rigel Multi-Flo firmware upgrade

The Rigel Multi-Flo is designed to allow service agents and users to easily upgrade the firmware by using the internet to download the latest firmware. The firmware can then be installed using a USB stick.

The required upgrade firmware can be found at rigelmedical.com website.

Note: When downloading firmware from the Rigel medical website, the downloaded file is a self extracting .exe which will produce the required file.

Equipment required:

- Multi-Flo
- Multi-Flo Manual
- USB memory stick.
- Multi-Flo (Multi-Flo_firmware_update_XXX.tar.bz2)

Note: XX is any number which varies with each new release.

- 1) Refer to the user manual to identify the F1 and F2 function keys.
- 2) Copy the firmware onto a USB stick in the correct file format (tar.bz2).
- 3) Press and hold F1 for 15 seconds, while switching on the Rigel Multi-Flo
- 4) Follow on screen instructions, Press F2.
- 5) Insert the USB memory stick containing a single copy of the firmware upgrade into the Rigel Multi-Flo USB port.
- 6) Press F1; wait while the firmware is updated.
- 7) Rigel Multi-Flo will then show the message:

Update complete, restart the system or press F1 to return to the main screen

NOTICE: There is only one update file which is set up to update up to four channels. Therefore if you have only a two channel Multi-Flo you will need to check that channels 1 and 2 has updated successfully. Any unused channels will come up with a failed to update Pic[x] message for the missing channel(s) which can be ignored.

- 8) Switch off Rigel Multi-Flo
- 9) Remove USB memory stick
- 10) Restart the Multi-Flo in normal mode

Note:

To obtain updates when the latest firmware is available, the Rigel Multi-Flo will need to be registered. This will also provide automatic upgrade alerts to the user.

End.