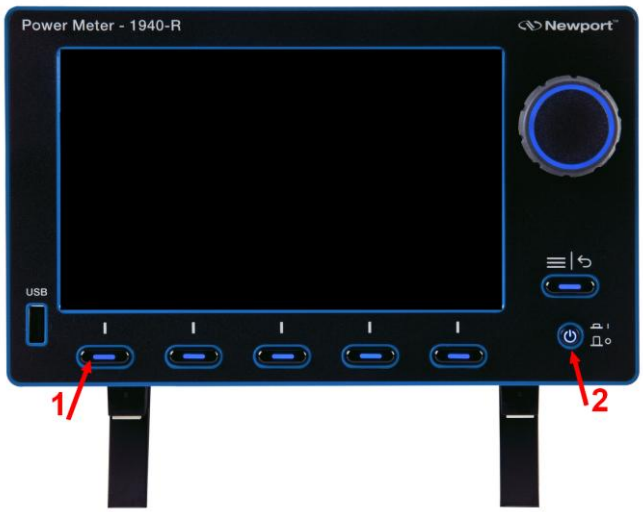
Instructions: How to Update the x940-R Meter Firmware

The embedded firmware of the 1940-R and 2940-R meters - referred together as x940, can be field upgraded by customers as follows:

To update the x940-R firmware:

1. Download the latest x940-R firmware version upgrade utility from the Newport website: https://www.newport.com/f/x938-benchtop-optical-power-meters
2. After downloading the firmware upgrade utility to a PC, double click the file to run it.
3. Make sure the x940 meter is turned off.
4. Connect a USB cable from the x940 to a USB port on this computer.
5. Press and hold the leftmost button (1) below the screen on the x940 meter.
6. While holding the button, turn on the x940 meter by pressing and releasing the power button (2), then release the leftmost button. The x940 meter should then be detected automatically.



7. Click **Start Upgrade** on the firmware upgrade utility to begin the upgrade process.
8. When the upgrade procedure starts, a progress bar is displayed on the PC screen.
9. When the procedure is complete, the x940 meter automatically restarts with the new firmware version installed.

Note: The x940 screen will remain blank during the upgrade process.