TB Series Firmware Update Instructions

Firmware Version 1.4.01

Updates:
- Italian language support has been implemented
- Fixed Software issues
    - o Fixed a regression with the SD card.
    - o Tapping the active area of a settings menu pop out area now saves the setting the user was editing and performs a validation / sanitation check of the user input.
    - o USB shortcuts enabled
- Translation updates & corrections to existing languages

Supplies Needed:
- USB Flash Drive (see requirements below)
- Firmware files downloaded from Lovibond website onto USB flash drive
- TB350 Power Supply (Part number 19820-170)

Procedure:
1. Save the lp.bin and q.bin files to the USB Flash Drive
2. Insert USB Flash Drive into the USB-A port on the back of the TB Series instrument.
3. Press the Power Button on the instrument.
4. While the loading screen (Lovibond® logo with blue bar across the bottom) is still displayed, press the Power button for a second time. Screen with "Emitt's Loader" at the top of the screen, followed by "Firmware updated procedure" will appear.
5. When screen acknowledges presence of USB with new Firmware, press the Power button again (third time). This starts the firmware update process
    Note: User has 15 seconds from time prompt is displayed to press the button.
6. Let the firmware update run; This can take up to approximately 2 minutes (depending on firmware version) and instrument will automatically restart when update is complete.

Notes for update:
- Instrument must be plugged into mains power for update
- Flash drive requirements:
    - o Only 1 partition on the drive
    - o FAT or FAT32 file system
    - o Must contain lp.bin and q.bin files
- After updating the firmware, the first restart may longer time as the device initializes the new firmware. This is noticeable by the slow appearance of the start screen.

Lovibond® Water Testing