

1 Purpose

This document describes the fixed bugs as well as improvements in the following new firmware versions in comparison with the previous versions.

- New version: 5.0.1.44
- Old version: 5.0.1.34

2 New features

None

3 Improvements

Topic	Description
Screen dimming set to 30 s	Shortened the delay before the screen dims to 30 s from 120 s. This improves battery life.
Screen comes back with tip activity	Any time an attachment is removed or opened, the screen comes back to full brightness. This improves user-friendliness.
Battery messaging and indicator (Battery type)	Developed better battery levels based on voltage that are specific to the battery chemistry (Li or NiMH). This battery chemistry is selectable on device.
Mixture matching	Improved mixture matching algorithm.
Audit trail entries for shutdown	Added audit trail coverage for shutdown events.
Added Replace Battery message	New message when the battery indicator is at 1 bar and the laser is armed.

