

## 1 Purpose

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

- New version: 8.0.0.107
- Old version: 8.0.0.98

## 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.

## 4 Fixed bugs

Topic	Description
Messaging between processors	Updated the messaging between processors to prevent occasional lock-up.
Reprocessing mixture match	Fixed the mixture matching reprocessing in the scan log screen. This fixes the issue where the mixture matching was not being performed.

Topic	Description
Class 1 vs class 3B tips	Updated class 1 tip behavior to better prevent tampering.