



New Features **Sequel® Instrument Control Software (ICS)**

- Support for the new Sequel® Binding Kit 2.1.
- Support for the new SMRT® Cell 1M v2 LR, allowing movie lengths up to twenty hours.

System Improvements **Sequel® Instrument Control Software (ICS)**

- Robotics and optical system reliability improvements.
- Improved instrument touch screen response.
- Improved communication of insufficient or incorrect inventory.
- Quick Run now supports designation of 30 kb and 40 kb insert sizes.

Fixed Issues **Sequel® Instrument Control Software (ICS)**

- Fixed an intermittent issue where failed transfers would trigger an error when checking available disk space.
- Control reads are now excluded from experimental population statistics and metrics.
- The door latch no longer sometimes opens during FPGA update.
- Occasional bad SMRT® Cell clock calibration is now correctly detected.
- Adapter-dimers are no longer occasionally overestimated.
- ICS now consistently recognizes a collection as complete.
- The user interface now consistently displays an 'insufficient inventory' warning for expired consumables.

Known Issues **Sequel® Instrument Control Software (ICS)**

- The instrument self-test intermittently becomes unresponsive. This requires a reboot of the Instrument Control Software.
- The virtual keyboard can cover input fields and selections when using the **Admin** dialog or when using the Quick Run functionality.
- When using a barcode scanner, it must be unplugged **before** restarting the instrument. If the barcode scanner is **not** unplugged, the USB controller will fail to correctly allocate the USB ports, causing a failure to properly start up the instrument.

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