

## QATCH Technologies Release Notes

	Software v2.6r64	Firmware v2.6r64
<b>Features &amp; Enhancements Added</b>	<b>Updated build info</b> Release date 10/13/2025	<b>Updated build info</b> Release date 10/13/2025
	<ul style="list-style-type: none"> <li>- Updated build information and resources to v36</li> <li>- Upgraded to QModel v4 (Fusion) with PyTorch backend</li> <li>- Merge issue #203: Switch from TensorFlow to PyTorch.</li> <li>- Merge issue #84: NEW: VisQ.AI.</li> <li>- Merge issue #206: Interpolated viscosity reporting.</li> <li>- Merge issue #193: License server integration and bugfixes</li> <li>- Merge issue #184: Improve analyze footnote formatting.</li> <li>- Merge issue #177: Add temperature handling to table.</li> <li>- Merge issue #175: Rename "Predict" to "Auto-Fit"</li> <li>- Merge issue #174: Rename predict button</li> <li>- Merge issue #171: Remove live fill forecasting.</li> <li>- Merge issue #168: Add missing icon for run info window.</li> <li>- Merge issue #160: Delete image clustering module</li> <li>- Merge issue #158: Protections against pruning base model</li> <li>- Merge issue #147: Hide POI3 from UI.</li> <li>- Add device fingerprinting for license management</li> <li>- Implement constraint-based sampler and optimizer</li> <li>- Add batch processing mode for loading multiple runs</li> <li>- Enhance protein handling with new ProteinClass enum</li> <li>- Add progress dialog for model prediction feedback</li> <li>- Improve error handling and logging across modules</li> <li>- Add viscosity average and standard deviation to analysis.</li> <li>- Refactor ingredient selection logic and fuzzy matching</li> <li>- Update constraints for protein concentration limits</li> <li>- Add nightly update checks with resource validation</li> </ul>	<ul style="list-style-type: none"> <li>- Merge issue #94: Fan stays on after cooldown ends</li> <li>- Align fan off event with displayed countdown timer</li> <li>- Temp Control heat limit increased from 200 to 255</li> </ul>

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<b>Bugs Fixed</b>	<ul style="list-style-type: none"> <li>- Merge issue #211: Fix frozen app path resolution.</li> <li>- Merge issue #207: Fix drop effect.</li> <li>- Merge issue #204: Fix SQLite closed database errors.</li> <li>- Merge issue #201: Optimize fill region analysis.</li> <li>- Merge issue #197: Buffer concentration validation.</li> <li>- Merge issue #196: Fix protein class field not persisting.</li> <li>- Merge issue #186: Enhance serial and elaborate process</li> <li>- Merge issue #180: Fix hourly background license refresh</li> <li>- Merge issue #179: Fix protein class field stuck as none</li> <li>- Merge issue #178: Fix temp control out-of-sync error.</li> <li>- Merge issue #170: Hot fix for time index calculations.</li> <li>- Merge issue #167: Fix Ch1 point window size too narrow</li> <li>- Merge issue #166: Fix plot data out of sync during redraw</li> <li>- BUG FIX: "No serial response from device" error seen on measurement startup due to race condition at serial buffer stream start code in SW</li> </ul>	<p>- NONE</p>
<b>Known Issues</b>	<ul style="list-style-type: none"> <li>- Issue #227: Initialization temp check fails during tec cooldown.</li> <li>- Issue #77 Export Functionality with preferences support</li> <li>- Issue #47: Missing plate-config.json breaks ability to run device SW.</li> <li>- Issue #45: Rename run on initial run info screen does not occur.</li> <li>- Issue #21: FW update hangs on 'Failed to reboot' ERROR message.</li> </ul>	<p>- NONE</p>