



## OsmoTECH<sup>®</sup> PRO Multi-Sample Micro-Osmometer Software and Firmware Release Notes

**PURPOSE:** This document provides a summary of the release details of the software and firmware history of OsmoTECH<sup>®</sup> PRO Multi-Sample Micro-Osmometer. Please refer to the table below.

| Release Date                 | Version                      | Release Details  |
|------------------------------|------------------------------|--|
| Jul. 16 <sup>th</sup> , 2019 | Software 1.0<br>Firmware 1.0 | <ul style="list-style-type: none"> <li>Initial Release</li> </ul>  |
| Dec. 18 <sup>th</sup> , 2019 | Software 1.1<br>Firmware 1.1 | <ul style="list-style-type: none"> <li>Improved internal barcode scanner initialization process</li> <li>Introduced optional Zero Point Calibration feature</li> <li>Addition of feature “Import” under Data Management section allowing backed-up databases to be imported into device</li> <li>Improved Single Result PDF Export feature: when network connection is lost, software will keep a local backup (on instrument) of results and then sent them to network when it becomes available</li> </ul>   |
| Jan. 10 <sup>th</sup> , 2020 | Software 1.2                 | <ul style="list-style-type: none"> <li>Improved LDAP feature usability with the addition of user configurable Organizational Unit setting</li> <li>Bug fix for MAC address</li> </ul>  |
| Jan. 30 <sup>th</sup> , 2020 | Software 1.3                 | <ul style="list-style-type: none"> <li>Fixed a bug with the search of security groups when configuring the LDAP feature</li> </ul>   |
| Feb. 24 <sup>th</sup> , 2021 | Software 2.0                 | <ul style="list-style-type: none"> <li>Introduced the electronic signature feature to review, approve and reject results</li> <li>Introduced OPC-UA bidirectional communication feature</li> <li>Introduced the logging routine for instrument cleaning, preventative maintenance, repairs, and installation</li> <li>Introduced Auto-indexing sample ID feature</li> <li>Improved the data import feature to allow selection of database tables to be imported</li> <li>Restricted database clearing only to service account</li> <li>Introduced the notification on numbers of Single Result PDF are in pending and the ability to delete pending PDF</li> </ul> |



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|  |  | <ul style="list-style-type: none"><li>• Introduced the feature to export selected results as one PDF from Results screen</li><li>• Improved the Single Result Export feature to be configured as a single result report (one PDF file per test) or multiple (batch) results report (one PDF file per run)</li><li>• Introduced the ability to allow user access (Admin/Sup/Op/All) to export data</li><li>• Introduced the ability to disable service account and use recovery barcode if Admin is locked out</li><li>• Introduced Portuguese language</li><li>• Fixed the calendar screens when system language is changed</li></ul> |
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