



1. What is new in this version

This version is an upgrade from the last release (V1.8.0). It supports NEO BENZ Tube sampling and fixes some bugs. Refer to below change list for details.

It is required to use mPower Suite v1.8.1 (or later) to support CaliCase MUNI.

[New features]

- 1) Support NEO BENZ Tube sampling record and STEL record

[Enhancements]

- 1) MP342
 - a. This version includes MP342 v1.0.8 firmware and will automatically write MP342 v1.0.8 to u-disk.

[Bugs Fixed]

- 1) **MP342**: Failed to upgrade MP420 to v2.1.8 on MP342. Since v1.8.1, change u-disk firmware bin file format for MP342/MP420 to V2. The V1 format has problems when creating MP420 v2.1.8 firmware bin file to u-disk.
- 2) **MP300T1**: Cannot get records from MP300T (though MP300T download button)
- 3) **MPSUITE-222**: NEO BENZ FW v0.2.4.0 cannot download the most recent data
- 4) **MPSUITE-224**: MP400 CO、H2S sensor alarm settings cannot change accordingly with measurement unit change
- 5) **MPSUITE-225**: MP400 PID sensor span2 value does not change when change its measurement unit

2. Software Features

This software supports device configurations and firmware upgrade:

- 1) UNI/UNI321 (MP10x) serials
 - a. Get and set UNI configurations.
 - b. Load and save configuration template.
 - c. Get Bump/Calibration records and export to file.
 - d. Get alarm events and export to file.
 - e. Upgrade firmware.
- 2) UNI LITE (MP110, MP112, MP112 RT) serials
 - a. Get and set UNI LITE configurations.
 - b. Load and save configuration template.
 - c. Get and set user gases.
 - d. Download UNI LITE datalog and export to file.
 - e. Clear datalog.
 - f. Upgrade firmware.
- 3) NEO (MP18x) serials



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- a. Get and set NEO configurations.
- b. Load and save configuration template.
- c. Get and set user gases.
- d. Get real-time reading and export to file.
- e. Download NEO datalog and export to file.
- f. [Download NEO BENZ Tube sampling records and STEL records](#)
- g. Clear datalog.
- h. Get Bump/Calibration records and generate certificate.
- i. Upgrade firmware.
- 4) POLI (MP40x) serials
 - a. Get and set POLI configurations.
 - b. Load and save configuration template.
 - c. Get and set user gases.
 - d. Get real-time reading and export to file.
 - e. Download POLI datalog and export to file.
 - f. Clear datalog.
 - g. Get Bump/Calibration records and generate certificate.
 - h. Get alarm events and export to file.
 - i. Upgrade firmware.
- 5) MUNI (MP42x) serials
 - a. Get and set MUNI configurations.
 - b. Load and save configuration template.
 - c. Get and set user gases.
 - d. Get Bump/Calibration records and generate certificate.
 - e. Get alarm events and export to file.
 - f. Upgrade firmware.
- 6) UNI Docking Box (MP100T)
 - a. Get and set UNI Docking Box configurations.
 - b. Load and save configuration template.
 - c. Download Bump/Calibration records and generate certification.
 - d. Upgrade firmware.
- 7) CaliCase UNI (MP300T1)
 - a. Get and set CaliCase configurations.
 - b. Load and save configuration template.
 - c. Download Bump/Calibration records from TF card and generate certification.
 - d. Download UNI alarm events from TF card and export to file.
 - e. Upgrade firmware.
- 8) POLI Docking Station (MP400T)
 - a. Get and set POLI Docking Station configurations.
 - b. Load and save configuration template.



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- c. Download Bump/Calibration records and generate certification.
- d. Upgrade firmware.
- 9) MUNI Docking Station (MP420T)
 - a. Get and set MUNI Docking Station configurations.
 - b. Load and save configuration template.
 - c. Download Bump/Calibration records and generate certification.
 - d. Upgrade firmware.
- 10) CaliCase MUNI (MP342)
 - a. Get and set CaliCase configurations.
 - b. Upgrade firmware.
 - c. From u-disk, load CaliCase Bump/Calibration records, generate certificate, and export to file.
 - d. From u-disk, load MUNI Alarm/Bump/Calibration log and export to file.
 - e. Load CaliCase firmware package to u-disk.
 - f. Load MUNI firmware package to u-disk.
 - g. Make changes to the MUNI configuration template and save to u-disk.
 - h. Make changes to the CaliCase configuration template and save to u-disk.
- 11) CaliCase UNI LITE(MP311)
 - a. Get and set CaliCase configurations (RTC time, Location, gas lot, expire date, soak time).
 - b. Upgrade firmware.
 - c. From u-disk, load CaliCase UNI Lite Bump/Calibration records, generate certificate, and export to file.
 - d. From u-disk, load UNI Lite Alarm/Bump/Calibration log and export to file.
 - e. Load CaliCase UNI Lite firmware package to CaliCase UNI Lite u-disk.
 - f. Load UNI Lite firmware package to CaliCase UNI Lite u-disk.
 - g. Make changes to the UNI Lite configuration template and save to u-disk.
 - h. Make changes to the CaliCase UNI Lite configuration template and save to u-disk.
- 12) CaliCase UNI (MP310)
 - a. Get and set CaliCase configurations (RTC time, Location, gas lot, expire date, soak time).
 - b. Upgrade firmware.
 - c. From u-disk, load CaliCase UNI Bump/Calibration records, generate certificate, and export to file.
 - d. From u-disk, load UNI Alarm/Bump/Calibration log and export to file.
 - e. Load CaliCase UNI firmware package to CaliCase UNI u-disk.
 - f. Load UNI firmware package to CaliCase UNI u-disk.
 - g. Make changes to the UNI configuration template and save to u-disk.
 - h. Make changes to the CaliCase UNI configuration template and save to u-disk.



13) MP883

- a. Download log from TF card and export to file.

3. Software Requirements

3.1. Software Requirements

This application supports Windows7, Windows10, Windows11 or above.

3.2. Device Supported

To use latest firmware version of devices (UNI, UNI LITE, NEO, POLI, MUNI, CaliCase UNI, UNI Docking Box, POLI Docking Station, MUNI Docking Station, CaliCase MUNI, CaliCase UNI LITE) is always a good practice for best performance.

MP100 – v0.4.2.2

MP110 – v0.1.2.0 (China version)

MP112 – v1.0.5

MP180 – v0.2.3.12 ([v0.2.4.3 in PV](#))

MP400 – v0.1.7.4

MP420 – v0.2.1.6

MP810 – v0.1.3.3([v0.1.3.5 in PV](#))

MP100T – v0.0.3.7

MP300 – v0.5.1.1

MP310 – v1.0.6

MP311 – v1.0.6

MP400T – v0.0.2.1

MP420T – v0.1.1.2

MP342 – [v1.0.8 \(in PV\)](#)

3.3. Hardware Requirements

3.4. Other Information