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measurement solutions

NEWS

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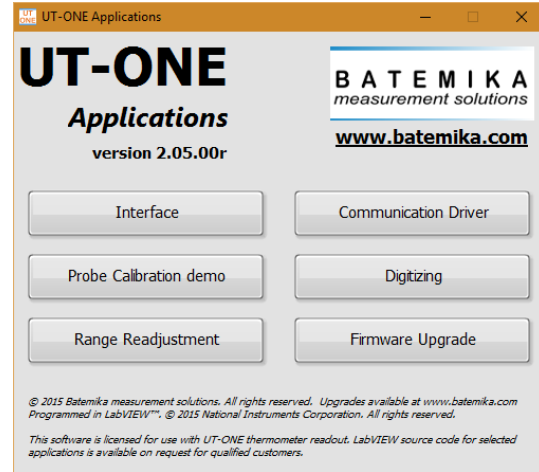info@batemika.com
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UT-ONE Software Upgrade 2.05

Batemika UT-ONE is a 3-channel benchtop thermometer readout with excellent accuracy, flexibility and user friendliness. One of its many advanced features is the ability to perform a full firmware upgrade by the end user. The procedure is straightforward and requires only the originally supplied RS232 cable and a computer with a serial port. Software upgrades resolves some minor issues detected by our developers and end users, as well as adds new exciting features.
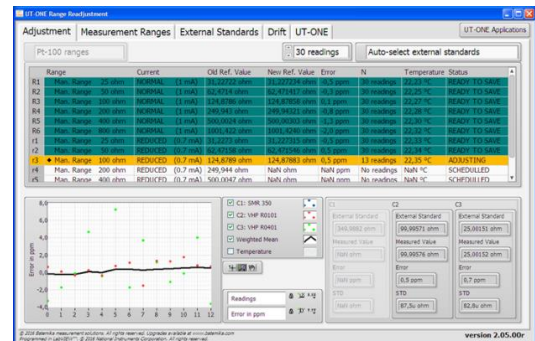

UT-ONE Thermometer Readout

UT-ONE software upgrade is available in the UT-ONE Applications software package, which is available for free-of-charge download at www.batemika.com. This software package includes several applications for interfacing with UT-ONE from a personal computer, as well as a utility for the upgrade of the UT-ONE firmware.

UT-ONE Applications startup screen

Software version 2.05.00r introduces several new features:

- Range Readjustment application was added to the UT-ONE applications package. This application allows a user-friendly drift checking and optional readjustment of internal measurement ranges. Check the UT-ONE User Manual for more information on this application capabilities.

- Digitizing application was upgraded with the feature that allows the presentation of results either in raw value (resistance or emf) or converted

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to temperature using the selected probe data.

- Communication protocol was upgraded with the option for long channel names, which allows extension to multiple-channel thermometer readouts.
- Software support was included for measurement moduls with custom values of measurement current. Based on end user request, we are now offering custom values of 1 mA/0.5 mA and 20 µA/10 µA instead of standard1 mA/0.7 mA and 20 µA/14 µA.
- An additional auxiliary measurement range h7 was added, which allows measurements of thermistors up to 100 kΩ with reduced measurement current. Measurement is possible only via the remote interface in single-reading mode. Note that h7 is considered an auxiliary range and is not part of the UT-ONE specifications.

Upgrade to software version 2.05.00r resolves several minor bugs and inconsistences:

- Minor inconsistences on the user interface were improved
- Procedure for temperature compen-sation of the external ambient conditions probe was improved. The correction values for temperature and relative humidity are now smaller over entire range for the uncalibrated probe. This upgrade invalidates previous calibration certificates for the ambient conditions probe.

At Batemika Measurement we are dedicated to constant improvement of our products. We especially appreciate and encourage our end users to provide feedback and suggest new features, which can be implemented in the future software upgrades. Together we can make our products even better and your measurement process even more effective.