DigiCal

The Calibration Software
Designed to suit practically every mechanical, electrical and thermal calibration task.
Dear Customer,

We have developed the DigiCal software as a configuration, documentation and measurement data acquisition tool for the use with instrument models 4423, 7132, 7160 and 7281. You can choose either German or English as the language for the software user menus.

The following summary of the main functions gives you an insight into the powerful features of our software.
Convenient automatic instrument identification

- The convenient instrument search facility includes automatic identification of connected units.

Simply launch the search, then the software identifies all supported instruments, namely models 4423, 7160, 7132 and 7281.
Intuitive configuration of device parameters

- DigiCal provides an easy way to configure the supported instruments.

- Thanks to the clearly structured input masks, users can enter instrument parameters easily and intuitively.

- These parameters can be saved under user definable measurement program names, and then used again for recurring calibration tasks.
Easy, reliable creation of measurement programs and calibration routines

- DigiCal provides a user-friendly facility for creating calibration routines by selecting electrical and physical variables and the sensor readings and measurement values to be tested. Using DigiCal is also an efficient way to check whether an object under test complies with its technical specification or not.

- Once a measurement program has been created, it can be used time and again, saving you a huge amount of time for future measurements.

- Versatile, easy-to-open tab pages provide fast access to input parameters.
Creating a datalogger measurement program

The following parameters and conditions are available for continuous measurement-value acquisition:

- Threshold value for the start trigger
- Measurement tolerance
- Stop trigger defined as a threshold value, number of measurement values or length of measurement
- Evaluation window for OK/NOK selection
- Data acquisition interval
- Area in which readings shall be recorded
Using documentation parameters to create calibration routines

- Although calibration routines can be entered directly at the instrument, it is far quicker and easier to use the DigiCal to create the routines, which may number as many as 50, with each containing up to 21 values.

- Once the data has been saved, it can be reused later.

- You can use DigiCal to run calibrations in the field using the calibrator and then retrieve and document the measurements later on the office PC.
Quick and accurate "Source and measure" procedure

- The work instructions contain important information about connecting the object under test correctly.

- Once you have entered the relevant data, DigiCal measurements can be started using a time trigger, in single-step mode or automatically.

- After calibration, DigiCal can display the values in tables or graphs for improved visualization.

- The OK/NOK evaluation provides immediate feedback after the test about whether specified requirements are met.

- The notes accompanying the measurement ensure that test results are dealt with according to set priorities.
Traceable documentation

- DigiCal also helps with your quality management tasks, because you can add your own quality-related information to the measurement reports.

- With a straightforward report retrieval facility, a preview option plus print and save-as-PDF function, the documentation tool represents excellent value for money.
History tool for archived test reports

- Do you need to get a picture of the tolerance performance of your test equipment over time?

Simply use the history tool, which lets you compare up to four measurement values of an object under test over a defined time period. This is ideal for monitoring the stability of the object under test and the drift behavior.
Your contact person

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You can find further information about our wide range of sensor and instrumentation products from our website www.burster.com.

We look forward to hearing from you.

Yours truly
Your burster team
Many thanks for your interest in our products

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