TTI-7 Data Logging and Calibration Software

Calibration Software

The purpose of the Model TTI-7 software is to provide easy to use and accurate temperature measurement, Data Logging and automated temperature calibration.

It also provides easy PC operation for the control of instrument/digital thermometers using resistance thermometers or thermocouples and a range of temperature-controlled sources (liquid baths, metal block calibrators and furnaces).

Many temperature points in a temperature source can be automatically selected and measured and both referenced and unknown test probes can be scanned at many temperature points in the temperature source.

The software also enables the complete calibration routine results at several temperature points to be downloaded to a report writer and also provides a graphical plot section incorporating flexible features such as recording and referencing any channel on the system.

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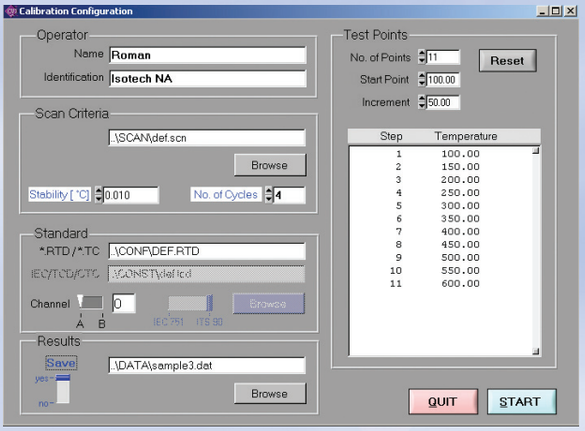

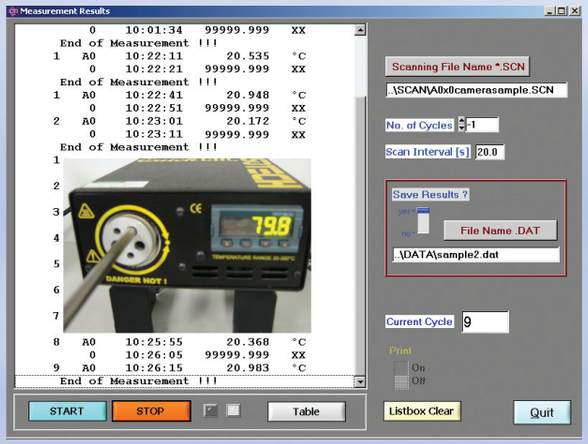

Key Features:

- Scanning routine of a number of channels/probes
- Virtual calibration channels (digital camera, manual entry, data from different instruments)
- Reference probe calibration data entry for absolute measurement to ITS-90 on reference probe channels
- Controls temperature source at test point and records values of channels as required for one or more sets of readings
- A standard data logging and measurement routine for a number of probes on the instrument scanner
- A graphical plot section with flexible features to record any channel on the system, including the digital data points plotted
- A Data Logger section to download the data recorded on the instruments internal memory for use on external "field/site" applications

The Model TTI-7 is suitable for all high precision applications in temperature laboratories and other industrial applications where temperature calibrations are needed.

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