

Easy TUS

- for nadcap survey and reporting to AMS2750D

Easy TUS provides calibration, multi channel data logging, and archiving, in a portable boxed unit. The package includes a laptop, DataManager proprietary software, and a range of user friendly screens for nadcap temperature uniformity survey and validation.

As well as facilitating the TUS routine, vacuum calibration and nadcap leak-up testing are available for vacuum furnace users.

Inputs

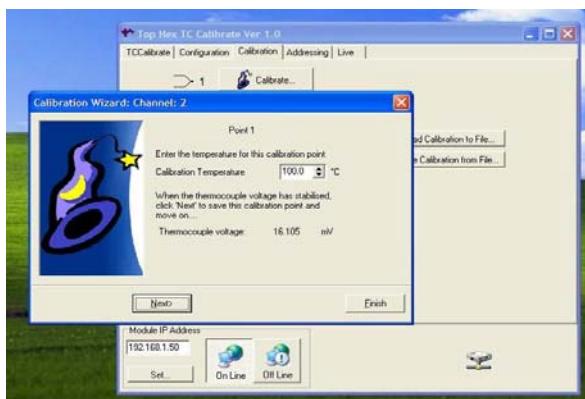
- Thermocouples: B, C, E, J, K, N, NNM, R, S, T
- 0-20mA, 0-5V, 0-2.56V, 0-1.28V, 0-160mV, 0-80mV, 0-40mV, and 0- 20mV

Features

- User selected data sampling
- Password protected operation
- Easy calibration via software wizard
- Instrument allows calibration at up to 10 temperature points
- User selectable calibration temperature enables optimal accuracy at process temperature
- Ethernet communications
- Real time web page viewing
- Laptop data recording and storage, exportable as csv file
- Survey display and reporting screens
- SAT thermocouple diary display
- Optional nadcap vacuum leak-up test, display and report (**Easy TUS+**)
- Optional vacuum calibration connection (**Easy TUS+**)
- Choice of reporting formats
- Readily reprogrammed to meet future nadcap requirements and amendments

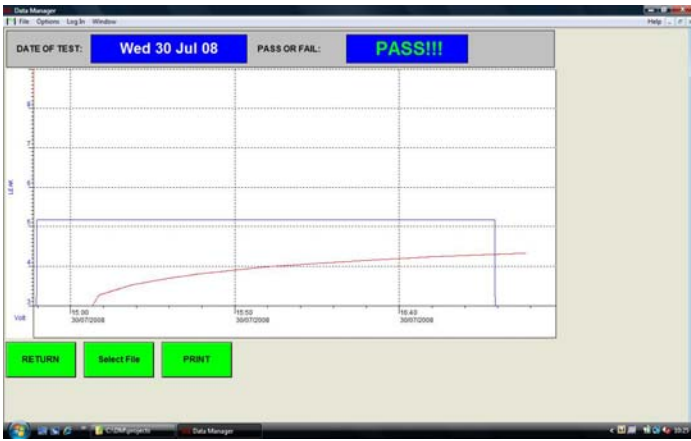


Easy TUS, portable nadcap survey box



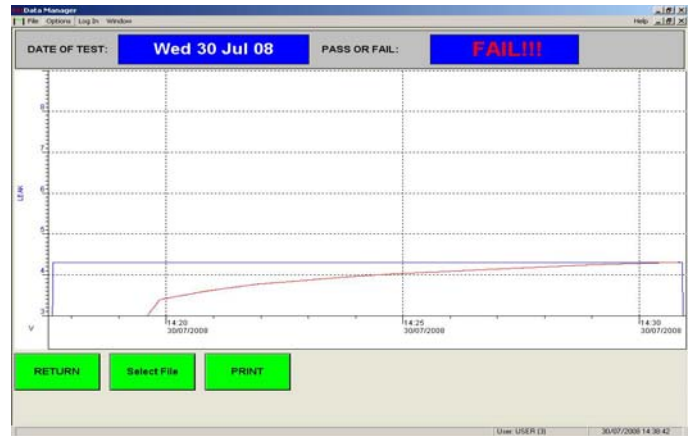
A wizard helps to set up the nadcap TUS . Specific temperature calibration points are selected to optimise accuracy.

Vacuum leak-up test and report



Easy TUS+ includes additional software, and vacuum connectivity. The vacuum furnace user is able to carry out the nadcap leak-up test routine via the test box HMI. The screen displays the nadcap time and vacuum window. After initiating the test the operator returns to check the outcome, file to archive and report.

If the vacuum trace indicates that the furnace will fail to achieve the parameters within the nadcap window, the operator can abort the test immediately for maintenance and retesting.



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