



PhoenixTM
Phoenix Temperature Measurement

Where experience counts!!

Thermal View Survey Analysis Software

NEW
60 Channel
TUS Capability

TC #	TC Name	°F
1	top front left	1461.7
2	top front right	1461.3
3	top back left	1476.2
4	top back right	1462.0
5	Center	1476.3
6	base front left	1476.0
7	base front right	1477.0
8	base back left	1462.0
9	base back right	1461.3

X3

PTM1220
PhoenixTM
Phoenix Temperature Measurement

PhoenixTM 'Thermal View Survey' is a powerful software package for recording and analysing TUS data from your furnace and oven surveys. The key fundamentals of this software package are:

- **Simplicity:** Screen layout is clear, concise, and intuitive making the software user friendly, uncluttered, and easy to use without compromise to the analysis detail available.
- **Accuracy:** the software has been designed so users can set up and control the survey in real time, then analyse the resulting data and produce within minutes, the hard copy report with full compliance to industry requirements including AMS2750E, etc.

When the Data Logger is downloaded the information is saved in a database which can be organised in a logical manner for easy access to the historical data. Templates can be constructed for frequently used TUS temperature test levels and TUS frame diagrams or photographs. Thermocouple and data logger correction factors can be entered into the software to give fully corrected data in real time operation, or for historic analysis and report print out.

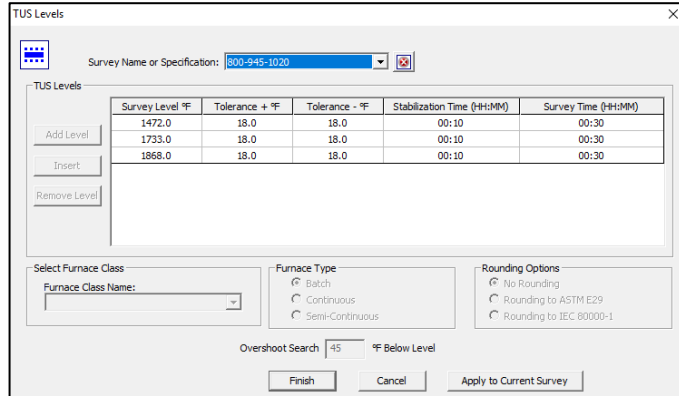
'PhoenixTM Survey' software is bundled together with 'Thermal View Plus', a package with extra analysis features including real time operation for other heat treatment users. 'PhoenixTM Survey' software has all the essential functions you require to help you monitor, and analyse your TUS surveys, produce compliant reports, save production time and free up your technical staff.

Allows TUS surveys to be completed with up to 60 thermocouples. By merging TUS files from three 20 channel data loggers a single TUS survey report can be created with full access to Thermocouple and Instrument correction factors and TUS frame generation. The single TUS report provides all necessary information to comply to CQI9 and AMS2750E.

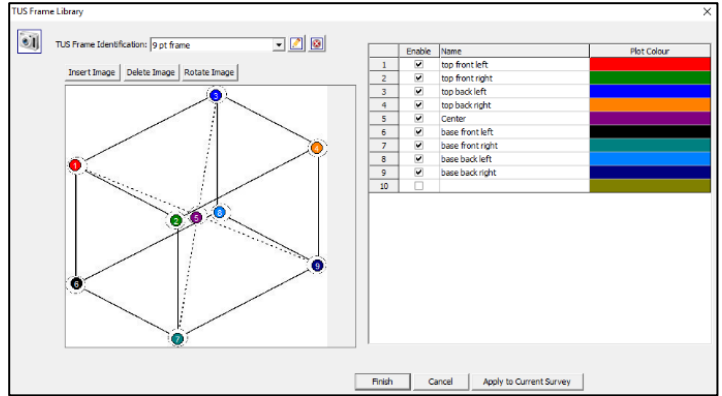
- Thermocouple and Instrument Correction Factors
- Full temperature data at TUS levels
- TUS temperature level library
- TUS frame library & on-screen view
- Temperature overshoot warnings
- Password protection
- Furnace class result at each level
- Rounding Up/Down to ASTM E29/IEC80000-1
- On screen notes
- Printed report to ASM2750E etc
- Export to CSV file
- RF & USB real time analysis
- On screen help
- Database storage
- Audit trail
- TUS with up to 60 thermocouples

Key Features of the Thermal View Survey Software providing an accurate, quick and efficient TUS reporting facility.

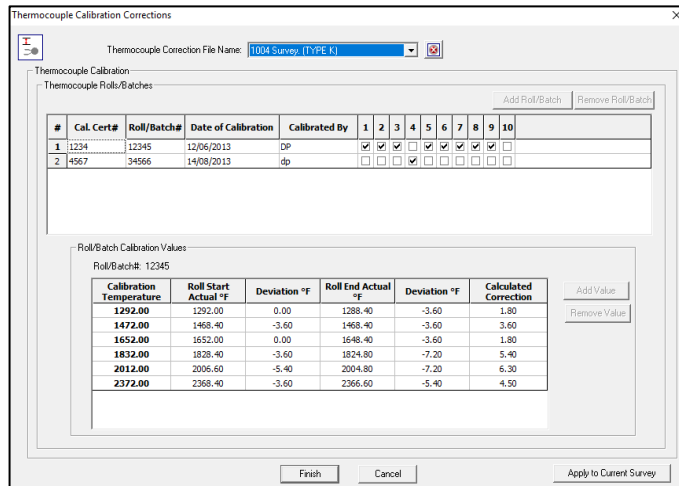
Efficient quick set-up of the TUS level files.



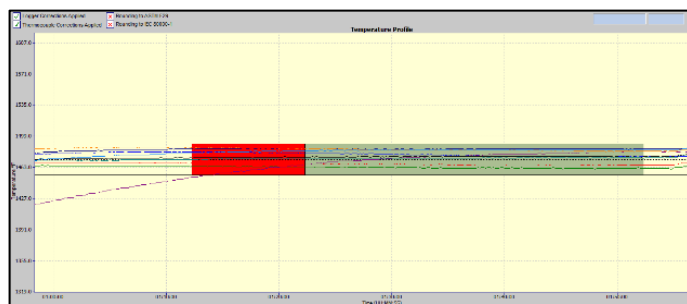
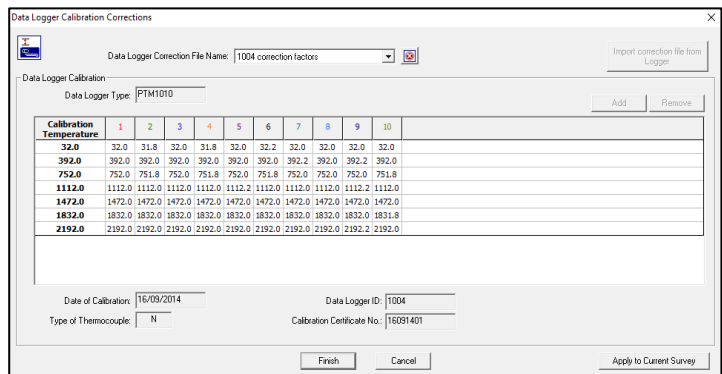
TUS frames library files show exact thermocouple locations.



Efficient thermocouple correction file set-up and application.



System correction factors applied automatically from 'data logger'.



TUS Results	TUS Level 1472.0 °F											
	TUS Time 00:30 (HH:MM)		1	2	3	4	5	6	7	8	9	
Minimum (°F)	1465.7	1461.0	1474.7	1480.8	1466.6	1474.7	1473.8	1481.9	1483.7			
Maximum (°F)	1467.5	1463.7	1479.2	1485.5	1481.0	1475.6	1474.7	1483.7	1485.5			
Deviation from set TUS Level (°F)	-6.3/-4.5	-11.0/-8.3	2.7/7.2	8.8/13.5	-5.4/9.0	2.7/3.6	1.8/2.7	9.9/11.7	11.7/13.5			
Difference Max to Min (°F)	1.8	2.7	4.5	4.7	14.4	0.9	0.9	1.8	1.8			
Max difference all sensors (°F)	24.5											
Overshoot (°F)												
Furnace Class at temperature level	No Classification											

Clear display of TUS results both graphically and in tabular form.

Note: All Products are continually improved, specifications may be changed without prior notice. Ref: PhoenixTM_Datasheet_SW25_10.2_USA 20191014

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