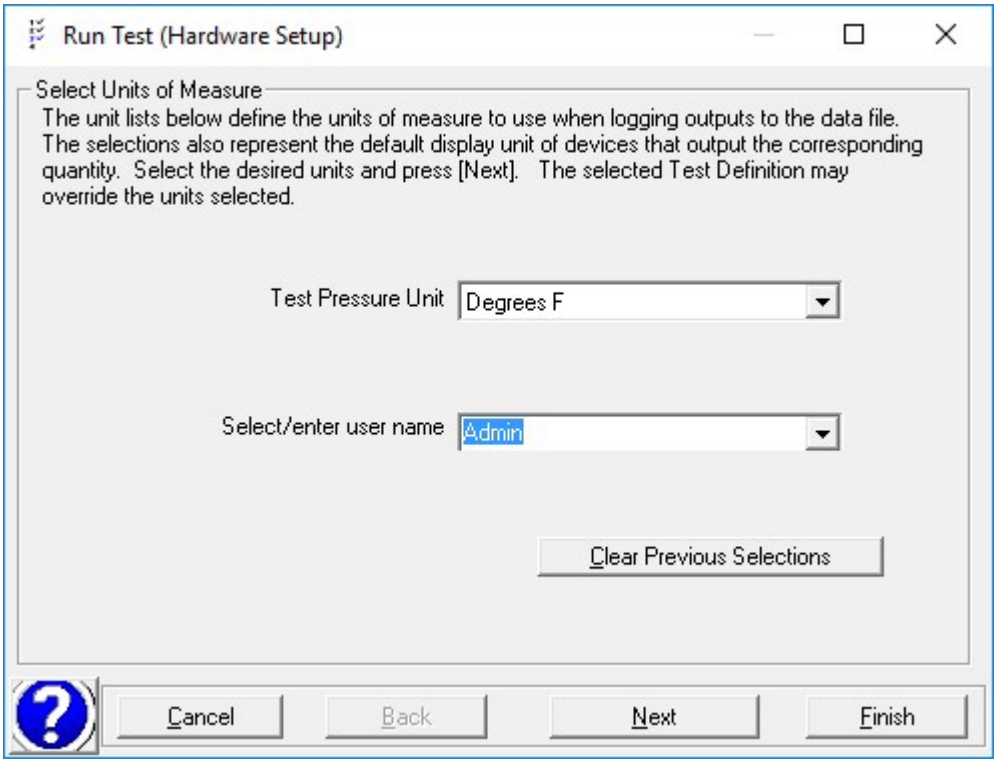
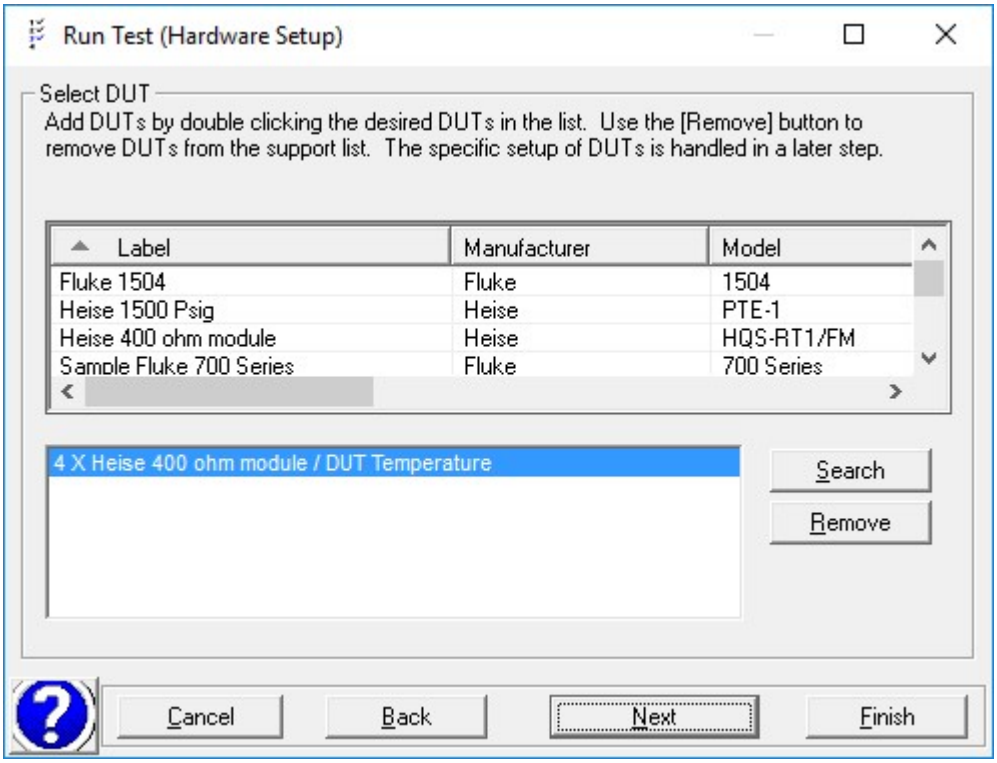
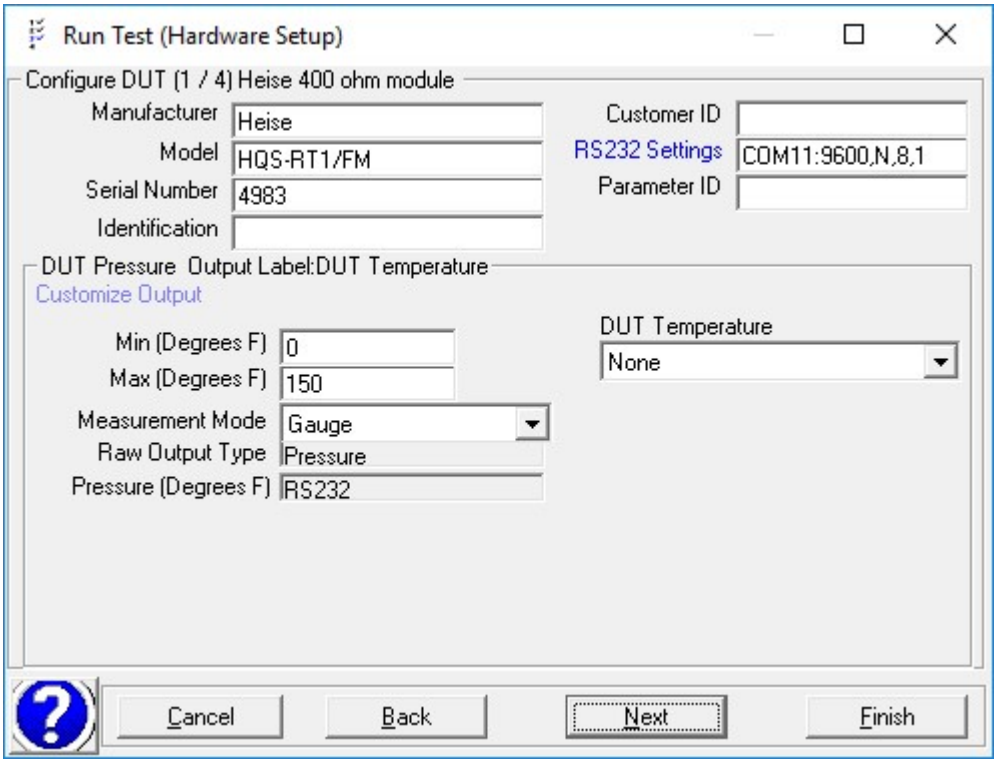
Temperature Calibration Initialization Screens

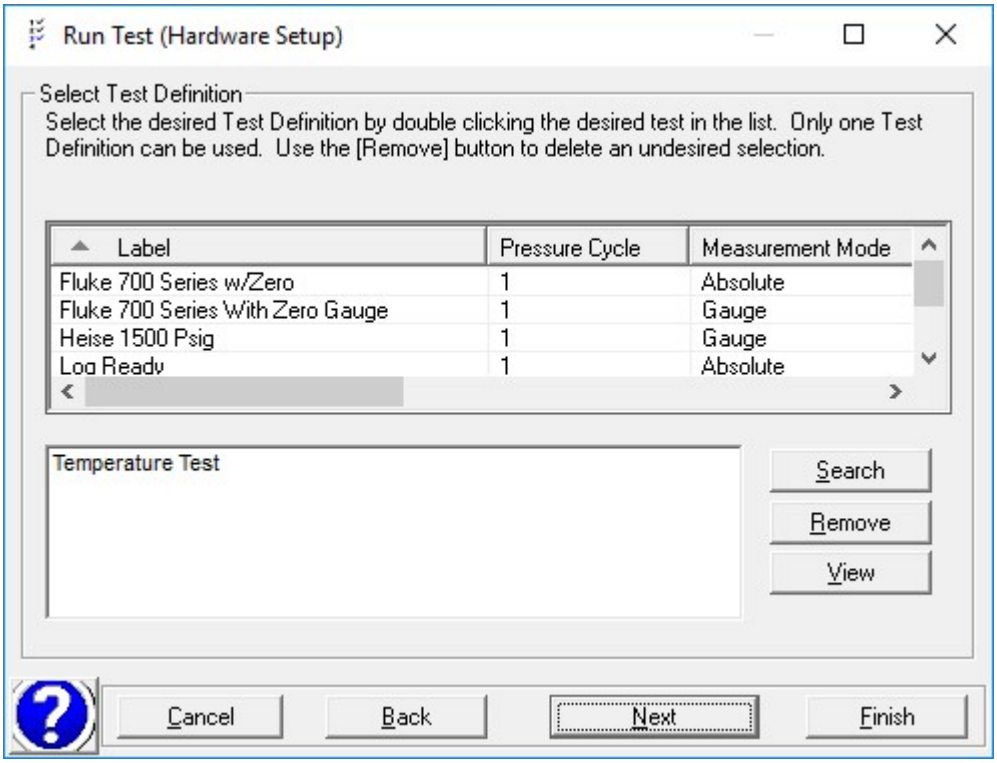
C4P 5.0.33

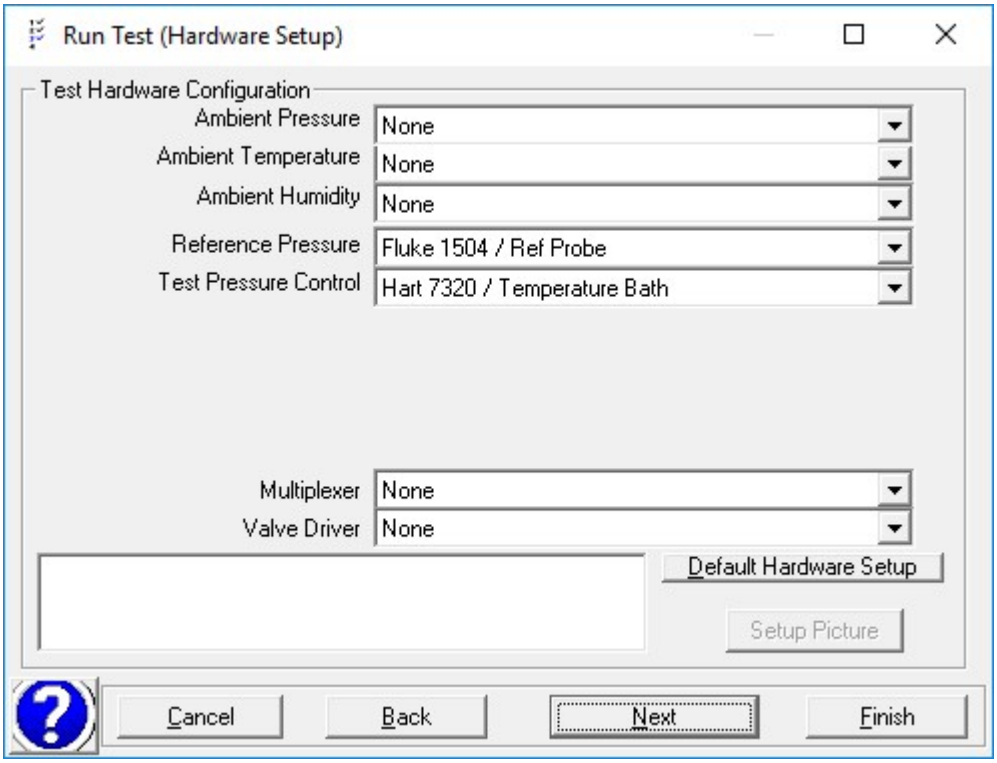
09 Jan 2018

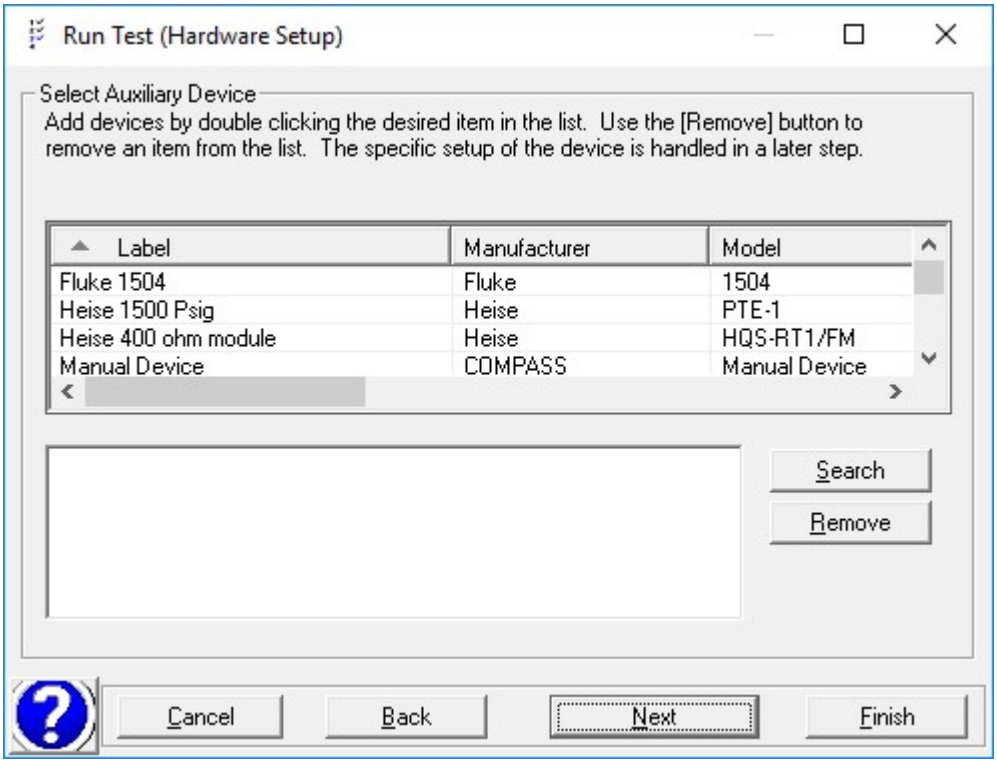


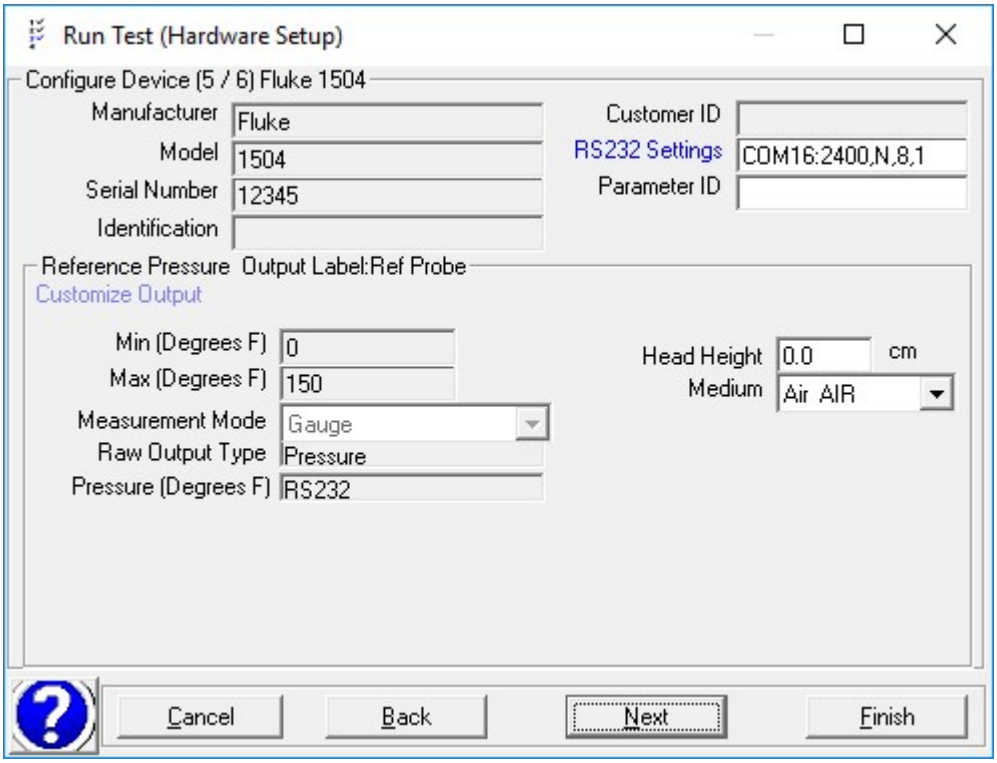


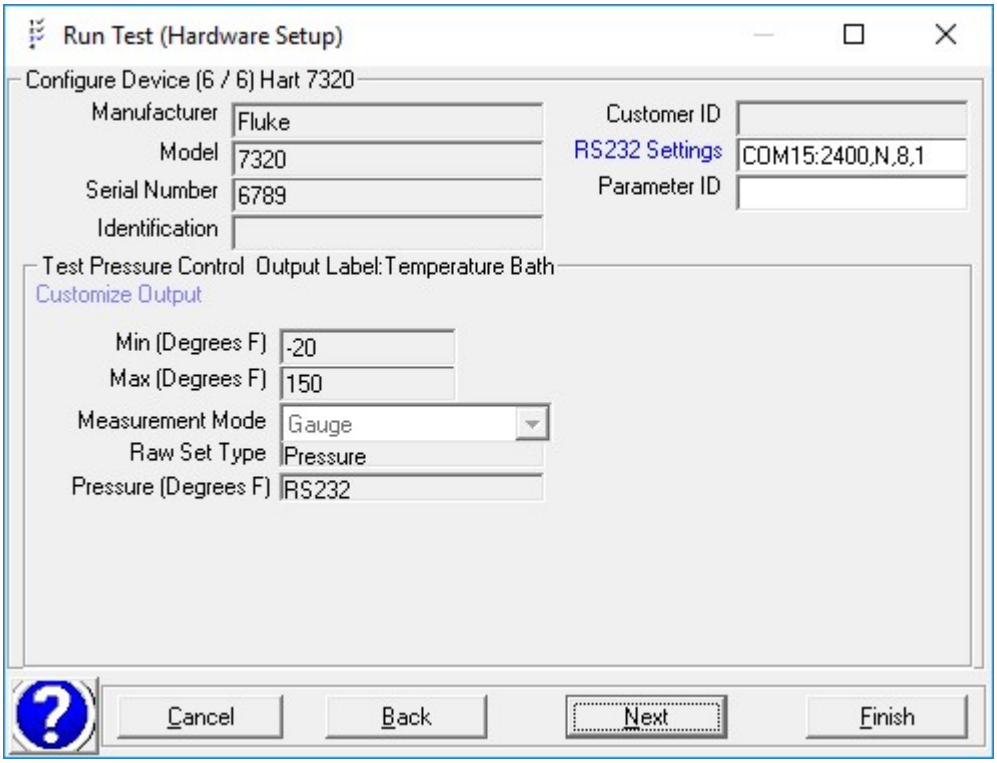

Run Test (Hardware Setup)
Configure DUT (1 / 4) Heise 400 ohm module
Manufacturer
Heise
Model
HQS-RT1/FM
Serial Number
4983
Identification
Customer ID
RS232 Settings
COM11:9600,N,8,1
Parameter ID
DUT Pressure Output Label:DUT Temperature
Customize Output
Min (Degrees F)
0
Max (Degrees F)
150
Measurement Mode
Gauge
Raw Output Type
Pressure
Pressure (Degrees F)
RS232
DUT Temperature
None
Cancel
Back
Next
Finish

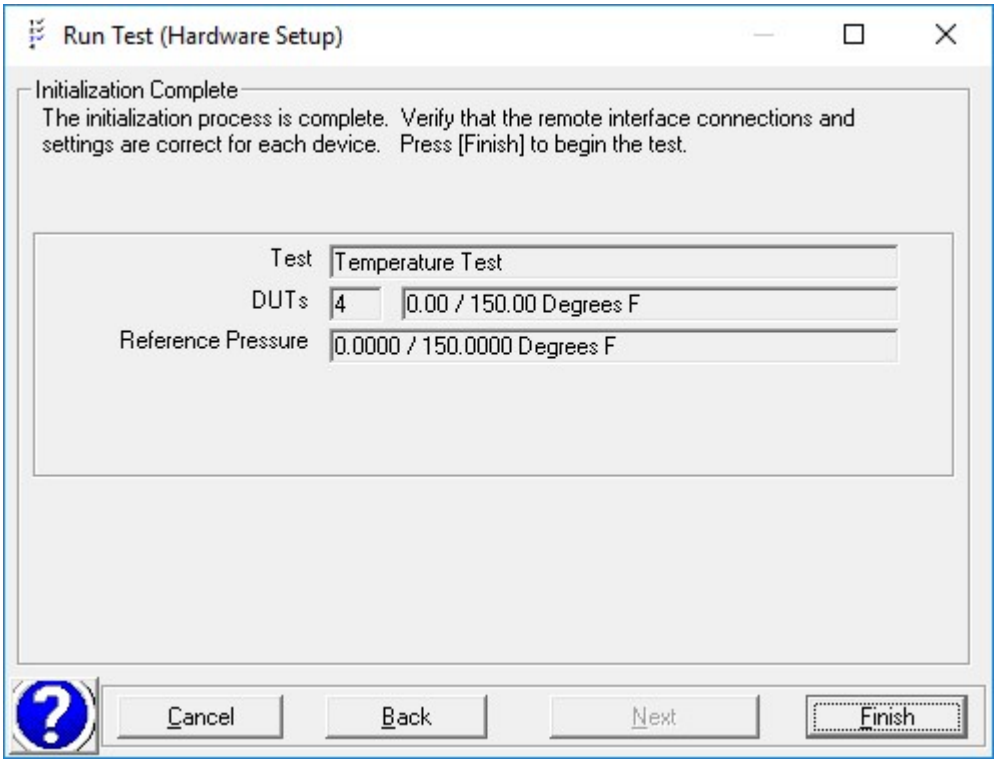

Run Test (Hardware Setup)
Select Test Definition
Select the desired Test Definition by double clicking the desired test in the list. Only one Test Definition can be used. Use the [Remove] button to delete an undesired selection.
Label
Pressure Cycle
Measurement Mode
Fluke 700 Series w/Zero
1
Absolute
Fluke 700 Series With Zero Gauge
1
Gauge
Heise 1500 Psig
1
Gauge
Log Ready
1
Absolute
Temperature Test
Search
Remove
View
Cancel
Back
Next
Finish

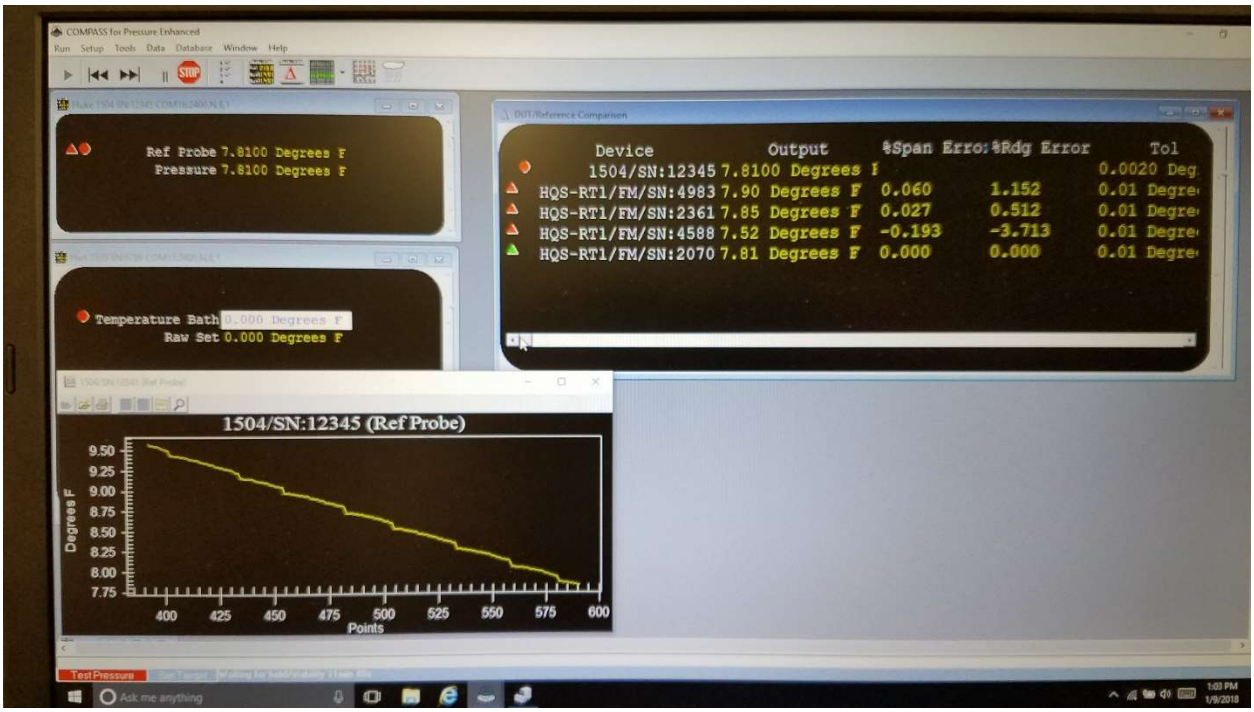

Run Test (Hardware Setup)
Test Hardware Configuration
Ambient Pressure
None
Ambient Temperature
None
Ambient Humidity
None
Reference Pressure
Fluke 1504 / Ref Probe
Test Pressure Control
Hart 7320 / Temperature Bath
Multiplexer
None
Valve Driver
None
Default Hardware Setup
Setup Picture
Cancel
Back
Next
Finish


Run Test (Hardware Setup)
Select Auxiliary Device
Add devices by double clicking the desired item in the list. Use the [Remove] button to remove an item from the list. The specific setup of the device is handled in a later step.
Label
Manufacturer
Model
Fluke 1504
Fluke
1504
Heise 1500 Psig
Heise
PTE-1
Heise 400 ohm module
Heise
HQS-RT1/FM
Manual Device
COMPASS
Manual Device
Search
Remove
Cancel
Back
Next
Finish


Run Test (Hardware Setup)
Configure Device (5 / 6) Fluke 1504
Manufacturer
Fluke
Model
1504
Serial Number
12345
Identification
Customer ID
RS232 Settings
COM16:2400,N,8,1
Parameter ID
Reference Pressure Output Label:Ref Probe
Customize Output
Min (Degrees F)
0
Max (Degrees F)
150
Measurement Mode
Gauge
Raw Output Type
Pressure
Pressure (Degrees F)
RS232
Head Height
0.0
cm
Medium
Air AIR
Cancel
Back
Next
Finish


Run Test (Hardware Setup)
Configure Device (6 / 6) Hart 7320
Manufacturer
Fluke
Model
7320
Serial Number
6789
Identification
Customer ID
RS232 Settings
COM15:2400,N,8,1
Parameter ID
Test Pressure Control Output Label:Temperature Bath
Customize Output
Min (Degrees F)
-20
Max (Degrees F)
150
Measurement Mode
Gauge
Raw Set Type
Pressure
Pressure (Degrees F)
RS232
Cancel
Back
Next
Finish


Run Test (Hardware Setup)
Initialization Complete
The initialization process is complete. Verify that the remote interface connections and settings are correct for each device. Press [Finish] to begin the test.
Test
Temperature Test
DUTs
4
0.00 / 150.00 Degrees F
Reference Pressure
0.0000 / 150.0000 Degrees F
Cancel
Back
Next
Finish


Ref Probe 7.8100 Degrees F
Pressure 7.8100 Degrees F
Temperature Bath 0.000 Degrees F
Raw Set 0.000 Degrees F
Device Output %Span Error %Rdg Error Tol
1504/SN:12345 7.8100 Degrees F 0.0020 Deg
HQS-RT1/FM/SN:4983 7.90 Degrees F 0.060 1.152 0.01 Degre
HQS-RT1/FM/SN:2361 7.85 Degrees F 0.027 0.512 0.01 Degre
HQS-RT1/FM/SN:4588 7.52 Degrees F -0.193 -3.713 0.01 Degre
HQS-RT1/FM/SN:2070 7.81 Degrees F 0.000 0.000 0.01 Degre
1504/SN:12345 (Ref Probe)
Degrees F
9.50
9.25
9.00
8.75
8.50
8.25
8.00
7.75
400 425 450 475 500 525 550 575 600
Points