## Setup

- ► MCC E-TC: Ethernet DAQ device for thermocouple
- ► Thermocouple (TC): Omega Type T



Remote access system:
E-TC – Home LAN – Win PC – LabVIEW

# VI Code

## Based on CML DQMH

## Started with the module created by Josh:

https://github.com/uva-spin/Temperature-Pressure-VIs/tree/main/Delacor\_Complete/js5mv\_10272020/ThermistorCML

### Does not run as is, as I reported on Aug. 10, 2021 also

## Modified version:

https://github.com/uva-spin/Temperature-Pressure-VIs/tree/main/MCC\_ETC\_VIs

- See README.md
- ▷ Succeeded in simple continuous measurement and logging ... next page
- $\,\triangleright\,$  Helpful if someone (Reggie?) checks whether my modification is reasonable

### Plans

- $^{\triangleright}\;$  Find a reasonable way of adding more functions under the CML DQMH style
- Or create a new set of VIs without DQMH?? Much straightforward for me at present

## **Result of Simple CML**

#### ▶ Using the main VI; CML Main.vi

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See the Build, Final, DE bookmarks on the diagram for instructions on using this VI as a launcher for an D.E. Transition? VII. Instruction for Computing 4		Caloret Stor Story (Acquister Acquire, auxiliar development)

- ▷ The temperature is decreasing after I warmed up TC by hand
- Readings are logged into, for example,
  - "...\Desktop\Logged Files\Test\_2021\_09\_28\_13\_55\_29.tdms"