



Temperature Mapping Quick Start Guide: 1-Temp Emissivity Temperature Map

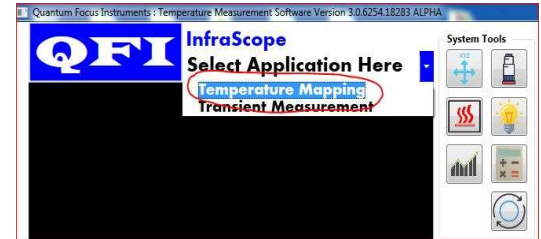
- 1) On the Infrascopes desktop, Click the Temperature Mapping Shortcut to start the software



Allow the Temperature Mapping Software time to Initialize (approximately 25 seconds)



- 2) select the measurement technique Temperature Mapping
Wait for IR Camera Initialization

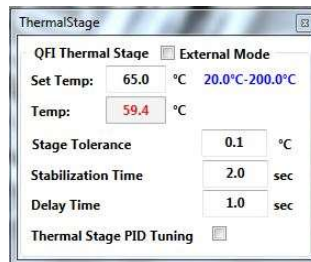


- 3) Select appropriate Sensor and Lens



NOTE: Z Up distance can be adjusted if desired.

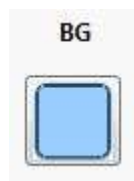
- 4) Set desired temperature now



to allow stage temperature to stabilize before focusing & taking measurements

- 5) Press Background Button

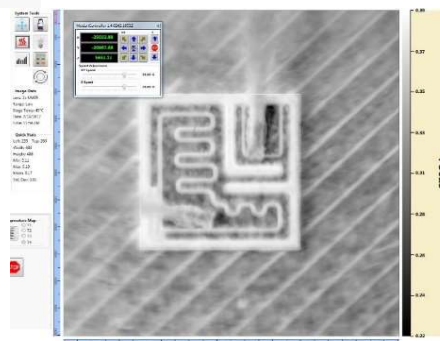
Allow up to 10 seconds to complete



- 6) Press IR Focus



- 7) Navigate & Focus as required





8) Ensure 1-Temp and Auto 1-Temp are checked



It is not necessary to press the calculate button with Auto-1Temp checked. However it can be pressed after step 9 to simply view the emissivity map.

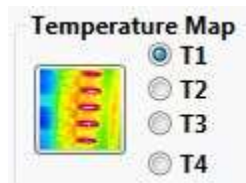
9) Select Averaging then Press Unpowered Reference



10) Turn ON DUT power then select number of averages



11) Press Temperature Map Button



In this case the Temperature Map will be stored in Image Buffer T1

Typical View of Powered Temperature Map

