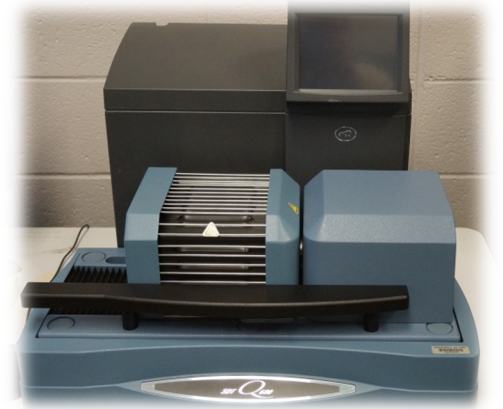


DIFFERENTIAL SCANNING CALORIMETRY- THERMOGRAVIMETRIC ANALYZER (DSC-TGA)

Manufacturer:	TA Instruments
Type/Model:	SDT Q600
Temperature Range:	Ambient to 1500°C
Calorimetric Accuracy:	+/- 2% (Based upon standard metals)
DTA Sensitivity:	0.001°C
Vacuum:	To 7 Pa 10.05 torr



Simultaneous Thermal Analyzers measure both heat flow and weight changes in a material as a function of temperature (or time) under a controlled atmosphere. The simultaneous DSC-TGA can be used in phases of research, manufacturing operations, and quality control. The SDT Q600 can take measurements from ambient lab conditions to 1500°C. The thermobalance uses an accurate and reliable horizontal dual-balance to detect the weight change. The temperature control and the measurements are made using Platinum and Platinum-Rhodium thermocouples. The SDT Q600 has superior accuracy to a single-beam system. Current use is on carbon fiber analysis.

