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## The M&P Lab

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### CURRENT THERMAL CHEMISTRY ANALYSES OFFERED by THE M&P LAB

Method	Temperature Range (°C)	Common Application
Differential Scanning Calorimetry (DSC)	-150 to 700	<ul style="list-style-type: none"><li>- Melting point</li><li>- Glass transition temperature</li><li>- Specific Heat</li><li>- Modulated DSC</li></ul>
Thermomechanical Analysis (TMA)	-150 to 1000	<ul style="list-style-type: none"><li>- Coefficient of thermal expansion (CTE)</li><li>- Delamination time</li><li>- Glass transition temperature</li></ul>
Simultaneous DSC-TGA & DTA (SDT)		
DTA	200 to 1500	<ul style="list-style-type: none"><li>- Melting point</li><li>- Phase transformations</li></ul>
TGA	RT to 1500	<ul style="list-style-type: none"><li>- Weight loss to determine percent composition</li></ul>
DSC-TGA	RT to 1500	<ul style="list-style-type: none"><li>- Melting point</li><li>- Enthalpy &amp; simultaneous weight loss measurements</li></ul>