

## Product Information Sheet – DS6000 and DS6010 Dielectric Thermal Analyser systems

The DS6000 range offers the most flexible, cost effective Dielectric Thermal Analyser systems available today. Its features include:

- Low Thermal Mass assembly
- Highly efficient and fast cooling available
- Start Temperatures from -190°C
- Cup Electrodes for liquids
- Unique rotating head design
- High performance to cost ratio
- Unparalleled flexibility
- Lowest temperature range
- Advanced control via Triton Laboratory software



## Specifications

<b>Rotational Analytical Head:</b>	Vertically up Vertical down Horizontal (forward) Any angle in between
<b>Environmental Conditioning:</b>	Air oven (standard)
<b>Temperature Range:</b>	Standard Furnace    -190°C to 300°C
<b>Heating and Cooling Rates:</b> (standard air oven)	Heating rate 0 to 20°C/min (mid range) Cooling rate 0 to 40°C/min (mid range) Isothermal
<b>Coolant Consumption:</b>	-100°C            5 minutes            0.3 L Liquid N <sub>2</sub> -150°C            10 minutes           <1 L Liquid N <sub>2</sub> -190°C            15 minutes           <1 L Liquid N <sub>2</sub>
<b>Frequencies:</b>	Range: 0.01Hz to 100kHz Max. Number Up to 100 per experiment Precision        0.001Hz

