

tht **Micro Reaction Calorimeter**

μ RC™

Sensitivity:	From 0.1 μW RMS
Dynamic range	0.5μW to 10mW
Temperature:	-10 to 200 °C
Modes of operation:	<ul style="list-style-type: none">• Isothermal• Step Isothermal• Scanning• Titration
Scanning Rate:	Up to 2°C/min
Isothermal Stability:	+/- 0.0001°C - over extended time period
Stirring Speed:	0 - 400 rpm
Time Constant:	10 - 20 seconds
Cell Volume:	1.5ml
Cell Type:	Removable glass vial
Injection Volume:	1 to 250 μL
Temperature Control:	Peltier based - no external equipment required
Measurement Principle:	Power compensation
Connection to PC:	Cable from μRC to PC USB port
Services required:	One mains power outlet (110 or 240v) PC (Pentium III or above) running Windows XP, with one free USB port
Footprint (width x depth x height):	15 x 40 x 35cm

