Electrothermal
A Bibby Scientific Company

# STEM Reaction Blocks
# RS1000

**Our heating and stirring reaction blocks can be used for a wide rang of applications from simple synthesis to process optimization**

- Ten-position reaction block designed for 24mm/25mm diameter vessels (also 16mm and other diameter vessels with appropriate adapter sleeves), and sample sizes from 10ml to 30ml.
- Controlled temperature range from ambient +5 C to 150 C
- Powerful stir speed from 400 to 2000rpm.
- Manual, and external control via the RS232/RS458 interface port
- Compact footprint for easy integration onto a robotic platform
- High temperature RS1000H option with temperature range from ambient
- +5 C to 300 C

**Product Specifications**

| **Cat. No** | **PS80010(230v) PS80033 (115v)** |
|---|---|
| **Model** | **RS1000** |
| Stirred positions | 10 |
| Tube Diameter | 24 or 25mm (0.94 or 0.98in) |
| Stir speed range | 400 to 2000rpm |
| Soft start (to full ramp) | Adj. 0-10 C |
| Temperature Range (ambient) | +5 to 150 C |
| Temp Stability | +/-0.5 C |
| Time to max/min temp | 15min |
| Interface | RS232/485 |
| Dimensions WxHxD | 78.74x139.7x299.72mm (3.1x5.5x11.8in) |
| Shipping Weight | 4.5kg (9.92lb) |