Rajdhani Scientific

# RAJDHANI DIGITAL BOMB CALORIMETER WITH AUTOMATIC CALCULATION, PRINTER, COMPUTER INTERFACE AND AUTO GAS FILLING UNIT MODEL RSB –7



## FEATURES

1. **Micro controller based Digital Beckmann Thermometer with following features**
   a) **Temp. Least count: 0.001ºC with 5 keys smart operation.**
   b) **Calibrated against NABL accredited lab calibrated instrument**
   c) **Automatic result calculation with buzzer indication & Memory to store last 11 results**
   d) **Onsite calibration facility.**
   e) **In built thermal printer with print duration selection facility.**
   f) **Result time indicating count down timer**
   g) **Alarm / Message for non-firing of sample, sensor disconnection.**
   h) **RS-232 port for computer compatibility**
2. **S.S. Bomb with works Hydraulic Pressure Test Certificate.**
3. **Auto Gas filling Unit fills oxygen in bomb with constant rate every time and thus increases the repeatability of results & consumes less time in oxygen filling in Bomb.**
4. **High safety is ensured using oxygen pressure regulator, solenoid valve & pressure switch.**
5. **Outer Jacket with Puff Insulation & Offset Stirrer Unit**
6. **Flexible Tubes to withstand High Pressure (for Oxygen Filling)**
7. **Known Calorific Value Benzoic Acid (with Laboratory Test Certificate Photo Copy)**