

THE WORLDWIDE STANDARD FOR HIGH TEMPERATURE MATERIALS RESEARCH LABORATORIES



	RD-G
Maximum Temperature	2200°C argon 2000°C vacuum
Ultimate Vacuum	10 ⁻⁶ mbar
Heatup Time	2 hrs
Cooldown Time	4 hrs
Opening Temperature	400°C
Work Zone	90mm dia X 50mm tall
Insulation	graphite
Heating Element	carbon-carbon
Mechanical Vacuum Pump	3 l/sec two stage
High Vacuum Pump	220 l/sec turbo pump
Vacuum Valve	manual
Gas Inlet & Outlet Valves	manual
Overpressure Relief valve	+ 20 kPa
Flowmeter	20 SCFH
Bourdon Tube Gauge	+/- 100kPa
Vacuum Gauge	10 ⁻⁷ mbar to atm
Pyrometer	400°C to 2500°C
Thermocouple	0 to 1500°C
Programmable Controller	20 program storage
TC to pyro control	bumpless transfer
Communications	RS 232
Line Voltage	120 v or 240 v
Frequency	50/60 hz
Furnace Power	2 KW
Mech Pump Power	500 W
Furnace WxDxH 75kg	800mmX500mmX1100mm
Controls WxDxH 50kg	500mmX400mmX400mm
Mechanical Pump 25 kg	150mmX550mmX250mm

