

Thermal Analysis Instruments

Oxygen Bomb Calorimeter



BK-1A



BK-1A+

Technical Parameters:

Model	BK-1A	BK-1A+
Heat Capacity	14000~14500J/K	14000~15000J/K
Resolution	0.001K	
Measurement Accuracy	≤90J/g(Benzoic acid)	
Display	LED	LCD
Repeatability Error	≤0.2%	
Pressure Endurance of Bomb	20MPa	
Standard Accessory	/	USB port
Consumption	≤150W	
Power Supply	220V, 50Hz	
Packing Size(L*W*H)	760*600*570mm, 490*410*300mm	
Gross Weight	45kg, 15kg	

Thermal Gravimetric Analyzer



Features:

- * The furnace heating system utilizes double-row precious metal alloy wire.
- * The tray sensor is heat-resistant and corrosion-resistant.
- * The power supply and heat dissipation components are separated from the main unit.
- * The top-opening lid design provides easy operation.
- * The furnace body features a double thermal insulation design for improved linearity.

Technical Parameters:

Model	BK-TGA101
Temperature Range	RT~1150℃
Temperature Resolution	0.01℃
Temperature Fluctuation	±0.1℃
Heating Rate	0.1~100℃/min
Temperature Control Method	PID algorithm control, heating and constant temperature
Constant Temperature Time	0~300min, arbitrarily set
TG Measurement Range	0.01mg~3g, can be expanded to 30g
Weighing System Accuracy	0.01mg
Power Supply	Standard: AC220V 50/60Hz, optional: AC110V 50/60Hz
External Size(L*W*H)	460*512*430mm
Net Weight	26.5kg
Packing Size(L*W*H)	660*590*500mm
Gross Weight	42.1kg