

Bomb Calorimeter



Model/Make : IKA C5000

Purpose of Instrument :

Measure heat released or absorbed during a process, bomb calorimeters calculate the Gross Calorific Value (GCV) of a solid or liquid.

Application :

- Determination of Gross calorific value for solid and liquid fuels
- Applications include fuels, foods, animal and plant products, and waste disposal.

Specification :

| | |
|------------------------------------|-----------------|
| Measuring range maximum | 40.000 |
| Measuring time dynamic approx. | 10 mins |
| Measuring time adiabatic approx. | 15 mins |
| Measuring time isoperibol approx. | 22 mins |
| Temperature measurement resolution | 0.0001 K |
| Cooling medium | Distilled water |
| Type of cooling | Internal |
| Oxygen operating pressure max. | 40 bar |