SDACM4000 Bomb Calorimeter

Main body size: 600mm＊417mm＊908mm
Main body weight: 89KG

Specification

Structure	Floor standing
Analysis Time	15−25min
Temperature Resolution	0.0001K
Heat Capacity Precision	⩽ 0.15%
Jacket Type	Isoperibol
Accuracy/stability	In accordance with related standard
Heat Capacity Stability	⩽0.25% within three months
Network/Balance Connection	Available (by interface RS232)
Power Requirement	220V(−15% ~ 10%), 50/60 Hz
Max.Power	0.5kW

SDACM3100 Bomb Calorimeter

Main body size: 500mm＊600mm＊400mm
Main body weight: 65KG

Specification

Structure	Benchtop type
Analysis Time	15−25min
Temperature Resolution	0.0001K
Heat Capacity Precision	⩽ 0.15%
Jacket Type	Isoperibol
Accuracy/stability	In accordance with related standard
Heat Capacity Stability	⩽0.2% within three months
Network/Balance Connection	Available (by interface RS232)
Power Requirement	220V(−15% ~ 10%), 50/60 Hz
Max.Power	0.5kW

Highlights

- Accurate Test result: Vertical type(SDACM4000) / Benchtop type(SDACM3100), large water quantity. Difference of jacket water temperature in each test less than 0.1K.
- Strong data processing capability, statistics report and printing function; capable of connecting with network and balance.
- Automatic water temperature adjustment (at final stage, bucket temperature is 1K higher than jacket temperature), water amount determination and test.
- With expert diagnostic, self−protection, self−diagnostic function
- Support oxygen bomb air tightness examination, no complicated elevating mechanism and compressor.
- Authentic test data, no software modification.

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