

# 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


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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.
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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
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Support oxygen bomb air tightness examination, no complicated elevating mechanism and compressor.



Authentic test data, no software modification.