



## Differential Scanning Calorimeter (DSC, OIT)

### Description

According to ASTM D3895 ISO11357 EN728 ASTM D3418

Up to 500C

Including standard Tin, Ind pellets for calibration checkout

400pcs of aluminium pans

Software CD (windows based software including Report out to WORD)

N2 and O2 rotameter mass flow controller

Hoses and connectors

Software also has data export to advantage Software for analysis

DSC measuring cell according to the heat flux principle

Temperature sensors for control & sample temperature

Connection for Purge gas flow to the sample for 2 gas types

Temperature accuracy 0.1 C

Sensitivity: 3.6 to 4.0  $\mu$ V/mW

Sensor Time constant: 2.5 s

Calorimeter accuracy of  $\pm$  2%

Calorimetric precision of  $\pm$  0.5% or better

Two connections for purge gas-Inlet to the sample & 1 connection for cooling air

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