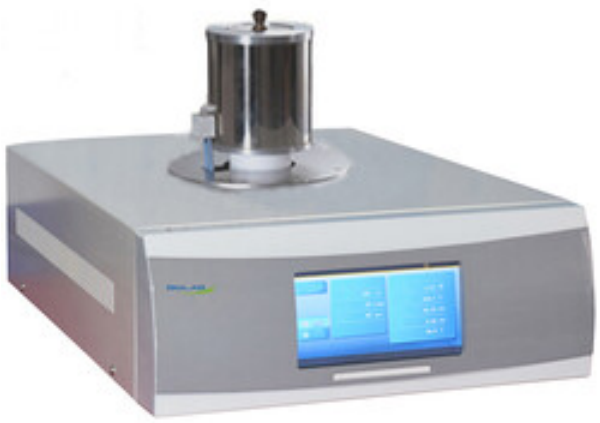
BioLAB

PRODUCT CATALOG



DIFFERENTIAL THERMAL ANALYZER

CE ISO9001 CERTIFIED

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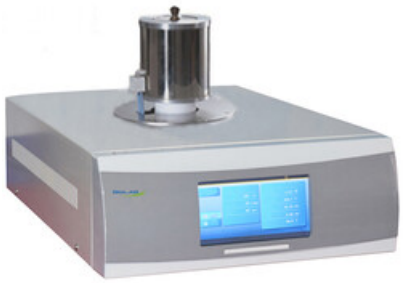
DIFFERENTIAL THERMAL ANALYZER

Differential Thermal Analysis is a technique which can measure the temperature difference and temperature relationship between the sample and the reference material in the process control temperature. Differential thermal analysis curves can describe the relationship of the temperature difference ?T changes with the temperature or time between the sample and the reference material.
Used in Metallurgy, Semiconductor, Pharmaceutical, Food Testing, Cement Chemistry, Environmental Research.
Also known as DTA Analyzer.

100 DIFFERENTIAL THERMAL ANALYZER



The main control chip of the instrument adopts Cortex-M3 core ARM controller, which has faster operation speed and more accurate temperature control.

USB two-way communication makes the operation more convenient.

Adopt 7 inch 24bit color LCD touch screen, the interface is more friendly.

Adopt Ni Cr alloy sensor, more resistant to high temperature, corrosion and oxidation.

SPECIFICATIONS

Model	BANA-101	BANA-102
Display	24 bit color 7 inch LCD touch screen display	
Temperature Range	Room temperature ~ 1150 °C	Room temperature ~ 1350 °C
Measuring Range	0~±2000 μV	
DTA Precision	±0.1 μV	
Heating Rate	1 ~ 80°C/min	
Temperature Resolution	0.1°C	
Temperature Accuracy	±0.1°C	
Temperature Repeatability	±0.1°C	
Temperature Control		
Cooling Temperature	program control	
Constant Temperature	air-cooled program control	
Body Structure	Use the structure of the cover to replace the traditional lifting furnace, with high precision and easy operation	
Atmosphere Control	(optional) gas flow meter, atmosphere conversion device	
Data Interface	standard USB connector, supporting data line and operating Software	
Parameters of Standard	Equipped with reference substances, with a keycalibration fuction (User can correct the temperature)	Equipped with reference substances, with a key calibration fuction (User can correct the temperature)
Baseline Adjustment	Users can adjust the baseline by changing baseline slope and intercept	-
Work Power	AC 220V 50Hz	

BANA-101

BANA-102

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