

KTC-4 HEAT-FLUX BOMB CALORIMETER FOR MEASURING COMBUSTION HEAT



Areas of Application

The calorimeter can be used in laboratories and quality control centers of fuel plants using fossil fuels, thermal power plants, power plants, and industrial boilers. It is designed for measuring combustion heat of various types of fossil fuels. The calorimeter meets the requirements of DSTU and ISO 1928

Specification

Heat measurement range, kJ	10–35
Limits of a supposed basic relative error, %	±0.2
Time of preparation for measurements, hours	≤2.0
Time of measurements, hours	0.75
Indication of measurement results	Digital

Advantages

As compared with counterparts, the device provides high-level metrological measurements of combustion heat at a cheaper price

Stage of Development. Suggestions for Commercialization

IRL7, TRL6
Manufactured and adjusted, upon request

IPR Protection

IPR1, IPR3

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