

Email :  
sales@schooleducationalinstruments.com  
Phone: +91-0171-2601773

**Product Name :**  
Exhaust Gas Calorimeter

**Product Code :**  
SCHOOL-THM830007



**Description :**

Exhaust Gas Calorimeter

**Technical Specification :**

**FEATURES:**

Counter flow heat exchanger for calorimetric analysis of exhaust gases from internal combustion engines

Determination of the amount of heat contained in the exhaust gas from test engines

Calorimeter consisting of finned pipe heat exchanger and insulated tank

Instrumentation: 4 temperature sensors, flow meter

Measuring amplifier with digital displays

Connection between engine and calorimeter using exhaust gas hose

Cold water connection and drain required.

**SPECIFICATION:**

Calorimeter

Insulated, stainless steel

Finned pipe heat exchanger

Heat exchange area on exhaust gas side: 0,944m<sup>2</sup>

Heat exchange area on water side: 0,141m<sup>2</sup>

Measuring ranges

Temperature:

2x 0...600°C (exhaust gas)

2x 0...200°C (cooling water)

Flow rate: 0...160L/h

230V, 50Hz, 1 phase

**NAUGRA**<sup>®</sup>

**School Educational Instruments**

**Website:** [www.https://www.schooleducationalinstruments.com/](https://www.schooleducationalinstruments.com/), **Email:** [sales@schooleducationalinstruments.com](mailto:sales@schooleducationalinstruments.com)

**Address:** Ambala Cantt, Haryana, India **Phone:** 91-0171-2643080