



THE LAB EQUIPMENT

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Product Name :

Exhaust Gas Calorimeter

Product Code :

SLE/MCE/54



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Description :

Features:

- 4 temperature sensors, flow meter.
- Measuring amplifier with digital displays.
- Connection between engine and calorimeter using exhaust gas hose.
- Determination of the amount of heat contained in the exhaust gas from test engines.
- Calorimeter consisting of finned pipe heat exchanger and insulated tank.
- Counter flow heat exchanger for calorimetric analysis of exhaust gases from internal combustion engines.

Specification:

- Calorimeter
- Insulated, stainless steel.
- Finned pipe heat exchanger.
- **Heat exchange area on exhaust gas side:** 0,944m²
- **Heat exchange area on water side:** 0,141m²

Temperature:

- 2x 0...600°C (exhaust gas)
- 2x 0...200°C (cooling water)
- **Flow rate:** 0...160L/h
- **Power Supply:** 230V, 50Hz, 1 phase
- **Dimensions:** 600x 600x 1300mm
- **Weight:** 103kg(approx.)

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