

Calorimeter (adiabatic)

Plant of NRW Central Laboratory for Battery Technology

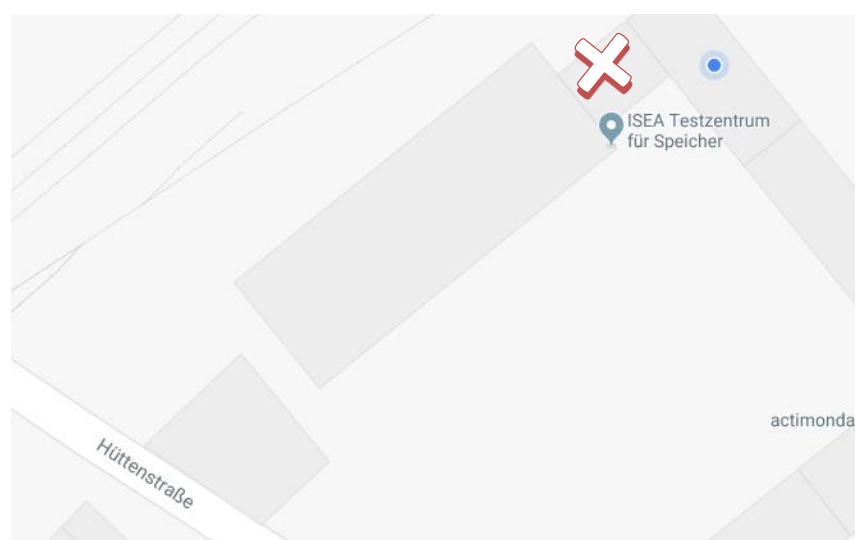


Costs:

Hourly rate:
8,30 €

Daily rate:
199,18 €

Technical specifications



Test Center Hüttenstraße

Adiabatic calorimeter BTC-500 Fa. HEL

- Adiabatic calorimeter for thermal characterisation tests for large batteries, battery packs and components.
- External dimensions 120 x 90 x 198 cm³
- Boiler diameter 50 cm
- Boiler height 50 cm
- Safety Steelplate (20 mm)
- Operating area: -100 °C to 1000 °C

Qualifications required for operation

- Introduction to the machine by the rental company

Fields of application

- The main task of the BTC is to create the "worst case" environment (i.e. adiabatic conditions) to determine the limits for thermal runaway.
- The specific heat capacity of the DUT can be determined fully automatically.

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Stromrichter-
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