

Engine test bench



Main profit :

- development of CNG markets
- easy to study the influence of low gcv gas on the engine performances

Characteristics :

- maximum output power : 250 kW
- Brake : 8000 rpm and 1400 Nm
- dedicated slab : 4 x 1.5 m

Online gas mixer :

- 5 pure cylinder gases + 1 liquid simultaneously
- Regulation of mass flow meters

Regulating system :

- Torque,
- engine speed,
- throttle position,
- water, oil and air intercooler temperature
- gas composition

Fast acquisition system :

- in-cylinder pressure sensor,
- angular encoder,
- dedicated acquisition system (OSIRIS)