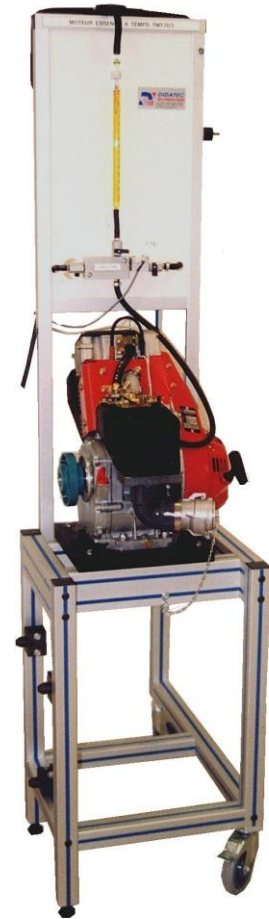


Four stroke petrol engine

DESCRIPTION

- This unit is designed for connection to the rotary machine test bench – power module TMT 700.
- Designed and manufactured to industrial standards.
- The alignment of axles and the quick connect coupling make connection to the TMT 700 easy.



SUGGESTED APPLICATIONS

- ⇒ This unit enables one to observe the operation of an electronic ignition four stroke heat engine
- ⇒ The following variables can be determined as a function of speed :
 - engine torque
 - power
 - specific fuel consumption
 - mechanical efficiency
 - volumetric efficiency

SPECIFICATIONS

Heat engine	<p>Two stroke cycle (OTTO cycle)</p> <p>Distribution through a camshaft which is situated at the front of the engine</p> <p>Electronic ignition with rapid traverse when starting</p> <p>Forced air cooling</p> <p>Single cylinder 230 cm³</p> <p>Power : 6.5 kW at 4000 R.P.M</p> <p>Maximum torque : 16.6 at 3000 R.P.M</p> <p>Compression ratio : 8.5 to 1</p>
Accessories	<p>A fuel tank</p> <p>A calibrated pipette and a chronometer for measurement of fuel consumption</p> <p>An air filter and a venturi flow meter for determining air consumption</p>