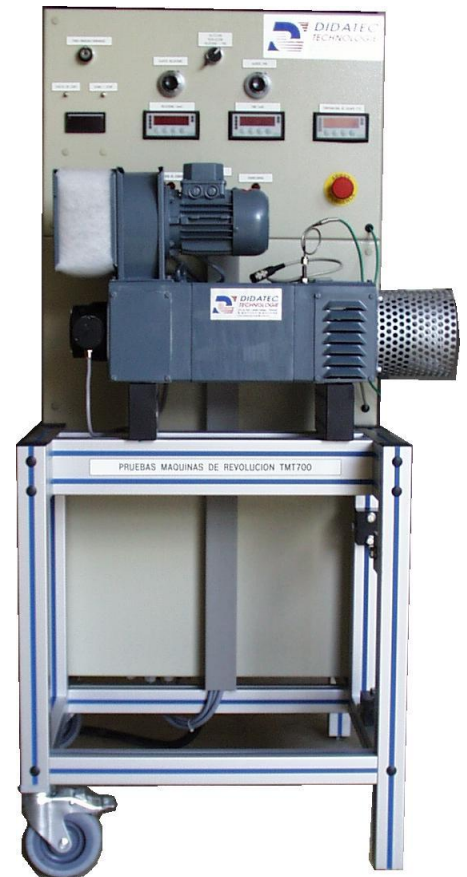


Rotating machine test bench Power modulus

DESCRIPTION

- The rotating machine test bench unit makes it possible to test and evaluate engines or generators in four areas: negative or positive speed and negative or positive torque.
- Designed and manufactured to industrial standards.
- The equipment to be tested is easily connected using a quick coupling and axle alignment system.



SUGGESTED APPLICATIONS

⇒ Evaluation of a driving unit

- Heat engine
- Electric engine
- Hydraulic turbine

⇒ Evaluation of a receiving unit

- Pump
- Brake
- Fan

Measurement : Speed
Torque

Regulation : Speed or torque

SPECIFICATIONS

Frame

Aluminum section

Mounted on wheels which are equipped with a brake

Motor – generator mounted on vibration dampers

Motor – generator

Direct current, bipolar

Independent ventilation

Power 7.5 kW at speed of 3900 rpm

Speed / couple controller

Digital direct current control

Four dial

PID type regulation for speed and torque

Manual adjustment of the speed and torque

Instrumentation

Measurement of the speed of rotation through a dynamo-revolution counter

Measurement of the torque to obtain the proportion of the induced current

Visual examination of the speed-torque on digital displays

Selection of the regulation type