

# ENGINE DYNAMOMETER TEST SYSTEM

Internal Combustion Engine (ICE) Test Dynamometers at different powers and specifications are designed and manufactured as a turn-key test laboratory solution with its auxiliary units.



## TURN-KEY TEST LABORATORY SOLUTION

### SYSTEM FEATURES

- Eddy current, hydraulic and AC types
- Casting test bed design and production
- Installation of control panels and sensor layouts
- Room ventilation and installation of exhaust systems
- Fuel system treatment and flow rate measurement
- Design and manufacture of water, oil and air treatment unit
- Integration to exhaust gas meters
- Data transfer to SQL server

### CONTROLLER & SOFTWARE

- 19" rack cabinet chassis (customizable)
- Input / output channel number configured with respect to the customer needs: digital, analog, communication, counter etc.
- Configurable for different applications such as using pneumatic and hydraulic actuator, electromechanical and electric motor systems
- Sensor calibration menu
- Warning and alarm definitions
- Drag & drop feature on user interface
- Automatic test with configurable test steps



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