

Company Profile
TEDRA TECHNOLOGY SDN BHD

(617587A)



“ENGINEERING FOR FUTURE”

CONTACT US

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ABOUT US

Tedra Technology Sdn Bhd has been operating in the automotive and engineering business since June 2003. Since day one Tedra and its expert personnel has been working together with international partners to provide latest products and technologies to support Malaysian educational and industrial needs. Over the years Tedra and its expert personnel has gained customers' confidence and assurance in providing hardware as well as software which meets international standards.

At Tedra, we aim to provide not only the top notch products, but also equally best-in-industry standard customer services. This is evident in the many returning customers requesting standard off-the-shelves products or bespoke design systems. Tedra core expertise is in hardware and software relating to automotive engineering and mechanical engineering – in specific focusing on educational tools and green technologies.



EDUCATION TOOLS

- Turbine Test Rig (Francis/Pelton)
- Air-Conditioner Trainer
- Ergonomic Climate Chamber
- Fire Testing Chamber
- Fluid Mechanic Trainer
- Hydraulic / Pneumatic Trainer
- Automation Trainer

CIVIL

- Specimen Quality Software
- Testing Frame
- Compression Testing Machine
- Hydraulic Testing Machine
- Soil Mixer
- Data Logger
- Customized Fabrication Work

MECHANICAL

- Customized Testing Lab
- Fabrication

ELECTRICAL AND ELECTRONIC

- Testing Dynamometer
- Measurement Accessories
- Trainers



SOFTWARE

- Interactive Based Engine Components
- Engine Characteristics
- Computational Fluid Dynamic (CFD)
- Simulators, VR & AR

DATA LOGGER

- 8, 16, 32, 64 Channels
- LabView

INSTRUMENTATION

- Pressure Sensors / Transducer
- Temperature / Logger
- Crank Encoder
- Speed Sensor
- Strain Gauge / LVDT Sensor/

DYNAMOMETER

- Chassis Dynamometer
- Engine Dynamometer
- Transmission Dynamometer
- Hybrid Test Cell
- Vehicle Inspection
- High Speed Test Cells
- Wind Turbine Dynamometer
- Vehicles Safety Equipment
- Vehicle Diagnostics Tool
- Tuning Course / Training

EDUCATION TOOLS

- Engine Test Stand
- Hybrid Test Stand
- Turbo Charger Test Stand
- Stirling Test Stand
- Pulse Jet Test
- Fuel Injector Trainer
- Fuel Cell Trainer
- Can-Bus Trainer
- NGV Trainer
- Solar Energy Trainer
- Air-Conditioning Trainer
- Suspension & Steering Trainer

RESEARCH

- Engine Test Cell
- Turbo Charger Test Rig
- Super Charger Test Rig
- Crash Tester
- Emission Measurement System



CONSULTANCY

- Technical Expertise
- Laboratory Set-up
- R&D Technical Support
- Preliminary Lab Proposal

CALIBRATION

- Instrumentation
 - Load Cell
 - Temperature
 - Pressure
 - Flow Meter

RENTAL

- Laboratory & R&D
 - Gas Analyzer
 - Temperature Scanner / Reader
 - NI Card & Logger

TRAINING

- In-House Professional Training
 - Engineering
 - Automotive



ENGINEERING

AUTOMOTIVE

DATA ACQUISITION

SERVICES