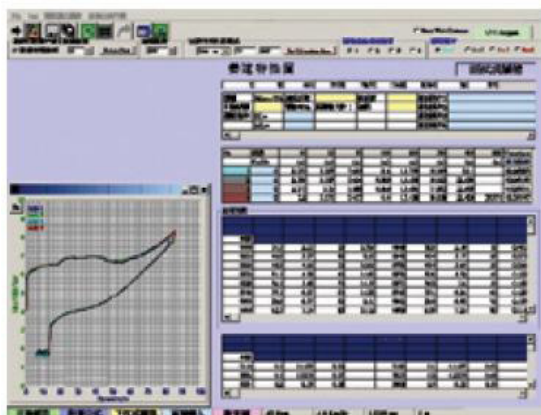




## CDS Motor Performance Datum Acquiring System

2-1

Dynamometer System



### Features:

- Freedom Edit Test Function
  - Engine Performance Test
  - Engine Durable Test
  - Full Vehicle Performance Test
  - Fuel Consumption and Emission Analysis Test
  - Full Vehicle Durable Test
- Acceleration Performance and Speed Change Curve Line Test
- Fail Data Stored Before Durable Test

### Applications:

### Description:

CDS integrates full motorcycle chassis dynamometer test measurement, datum acquisition and analysis.

It integrates vehicle chassis dynamometer system, fuel consumption meter, emissions analysis and Acceleration performance in a hardware and software.

Better test recurrence and accuracy by direct acquiring measurement data, high accurate hardware A/D converter and high quality industry PC.

Support all standard test requirements of the automobile industries and the target of the R&D sectors.



## CDS Motor Performance Datum Acquiring System

### Specification:

- Multi-tasking test Support:
  - Engine Performance Test
  - Engine Durable Test
  - Full Vehicle Performance Test 3
  - Full Vehicle Durable Test
  - Fuel Consumption And Emission Analysis Test
  - Acceleration Performance And Speed Change Curve Line Test
  - Real-Time and Direct Print Out The Report
- High Speed Datum Acquisition
  - 64 Channels, 100kHz, 16 Bits A/D Converter
  - Accuracy 0.1%
- Integrated Test Function
  - Fuel Consumption Meter
  - Emission Analysis Meter
  - Acceleration Performance Test
- Calibration Setup / Reset File
- Nonlinearity Reset
- Alarm Value Setup
- Alarm On/Off Setup
- Online Trace Display
  - Real-Time Y-Time Domain Display
  - Real-Time Y-Time Domain Display Setup

