Repeated measurement of section fuel consumption during actual driving

Measurement items: Travel distance, elapsed time, interval mean velocity, total mean velocity,

time required for interval, interval fuel consumption, cumulative fuel

consumption, interval fuel economy, cumulative fuel economy

Other applicable test: Constant-Speed Fuel Consumption Test (TRIAS99-004-01),

pattern-mode fuel consumption test

Purpose

Taking advantage of the compact and lightweight speedometer, the LC-8300A, mount it on a motorcycle to measure mean velocity, fuel consumption, and fuel efficiency every 10 m from the start. From the results, the fuel efficiency will be evaluated.

Overview

[Measurement procedure]

First, install a GPS speedometer, a fuel flow meter and a flow detector on the motorcycle. Next, press the measurement start button on the LC-8300A, then drive the motorcycle.

The mean velocity and fuel consumption are measured every 10 m of travel distance, and the continuous interval fuel consumption is calculated.

After driving the specified distance, press the measurement stop button to complete the measurement.

*This measurement was done on our premises.



Measurement results(LC-0832 Fuel Consumption Test function)

You can check the list of interval data in the Distance Report.

常和成量 (ml) 常要 0 m/()

H 40 H 40 H 13 H 58 H 15 H 50 H 35 H 35 You can easily check the results at the measurement in the Time Graph.



Summary

By the measurement of combining the On-board Volumetric Flow Detector FP-4135 and the GPS Speedometer LC-8300A, you can mount them on a motorcycle and perform the fuel consumption test easily.

We support vehicle development by providing measurement systems that allow stable testing even on actual roads.

* Contents of this document may change without prior notice.