

FC-9531

■ FUEL CONSUMPTION METER

Fuel consumption meter of simple measure while running.

Electronic fuel meter /consumption meter which is capable of printing out measuring data & time from the beginning to the end of measuring.

User friendly operation by dialogic instruction.

Features

Liquid crystal display

Greatly improved in information display by changing to quadruple digits display from double digits display.

Capable of indicating information such as instant consumption and total consumption at a time which were displayed individually by a conventional tester.

Flow sensor

High accuracy and elliptic gear displacement type detector with many years of use results.

Two flow sensors of A type for a large engine and B type for a small engine.

A type measures 5.00cc per pulse and is used for a large engine less than 500 liters per hour of fuel flow.

B type measures 0.50cc per pulse and is used for a small engine less than 50 liters per hours of fuel flow.

Liquids covered for measurement are Water, Gasoline, Diesel Oil, and Coal Oil.

Accuracy : within $\pm 1\%$ (Sensor)

Total accuracy : within $\pm 3\%$



Data of measurement

Capable of printing out after the end of measuring.

- Total consumption : 0.001~999.999 liters
- Measuring time : 00:00:01 ~ 99:59:59
- Running distance per liter : 0.1~999.9km per litter
- Fuel consumption rate per hour : 0.001~999.999 liters per hour
- Fuel flow : 0.001~999.999 liters per hour
- Average vehicle speed : 0.1 ~ 999.9km per hour

Set contents

- ① FC-9531F (Full set) designed for all types of cars.
- ② FC-9531A (A set) for Large car & Small car.
- ③ FC-9531B (B set) for Fuel-economy car.
- ④ FC-9531D (D set) for Bus & Truck.



FC-9531D. The attachment differs depending on the Set.

Basic Specifications

Measurement items and ranges	Applicable fuel	Gasoline, Diesel Oil, Coal Oil
	Fuel consumption rate	0.001 ~999.999 liters
	Measuring time (when using external power supply)	Max. 99hours 59minutes 59seconds (Usable for 8 hours in a row when using internal battery)
	Fuel consumption rate	Measurable in the range from 0.1 to 999.9km per liter.
		Measurable in the range from 0.001 to 999.999 liters per hour.
		A type sensor : 10.0~500 liters per hour.
		B type sensor : 1.0~50 liters per hour.
	Average vehicle speed	Measurable in the range of average vehicle speed from 0.1 to 999.9km/hour.
		(Capable input up to 9999.9km of running distance)
	Instant fuel consumption	Conversion volume , liter per hour based on 1 second sampling.
	Fluid Flow	Conversion volume, liter per hour (supply and return) based on 1 second sampling.
Measuring method	Period operation method	Calculate fuel consumption based on the pulse generating interval of fuel sensor.
Operation method	Keyboard input by dialog instruction software	
Display device	LCD dot matrix 20 digits x 4 lines	
Power supply	3 ways power supply	① Battery equipped on an inspection car (12~24V)
		② Built-in battery type (Usable for 8hours in a row on a full charge)
		③ AC adapter (100V single phase for household)
Keyboard	Flat face switch (use as digit input key for a numerical value)	
Range of temperature (Main body)	Operating temperature	0~50°C
	Storage temperature	-10~60°C
Dimensions · Weight	155mm (W) · 180mm (D) · 36mm (H) 590grams	
Printer	DPU-S245	Thermal methods

※ Subject to changes of specifications without any prior notice.