

GENERAL SPECIFICATIONS



GS-F1090E-01

DIGITAL OIL FLOWMETER for LORRY (with LCD Display)

Overview

This oil flowmeter is designed for mounting on a lorry. These new types of flowmeter have an LCD display for totalizing counter that indicates the amount of oil filled, and a positive displacement flowmeter that measures the amount with high accuracy.

Features

●Bright and Clear LCD Display

A bright and clear backlight LCD display device is applied for the counter so that the amount of oil filled is easy-to-read even from afar or in the dark.

●Multi-functional Display



It can detect the direction of oil flow (normal or opposite).
By switching the modes, the following amounts can be selected for display.

Recall: Recalls the previous display of Amt. immediately after resetting.

Cuml: Displays the cumulative amount of oil discharged since shipment.

Day: Displays the amount of oil filled for one day.

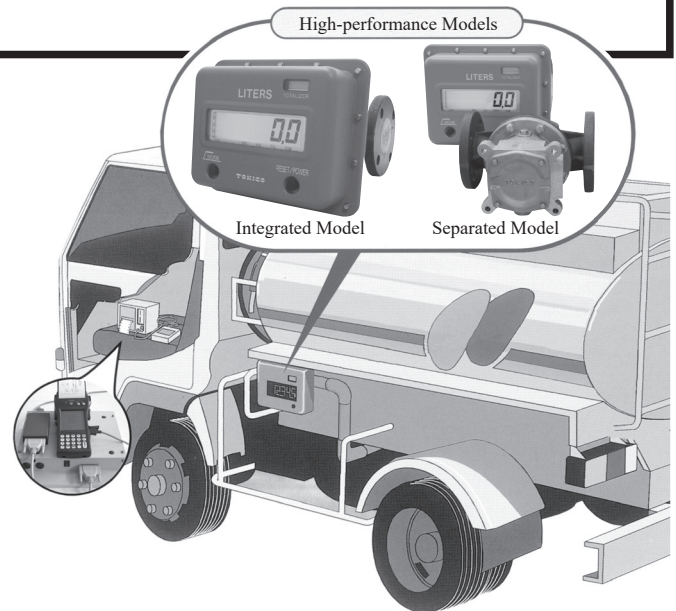
Amt: Displays the amount of oil filled for one time.

●2 Types of Models

Integrated Model and Separated Model are available. The Integrated Model has an LCD display counter directly connected to the flowmeter while the Separated Model's LCD display counter can be placed at a different location from the flowmeter. This offers options on where to mount the product in accordance with the type of the lorry.

●Issuing Receipts and Aggregation (Optional)

Separately available option allows the flow meters to connect to a lorry POS system so that the process of issuing slips and aggregation can be automated.



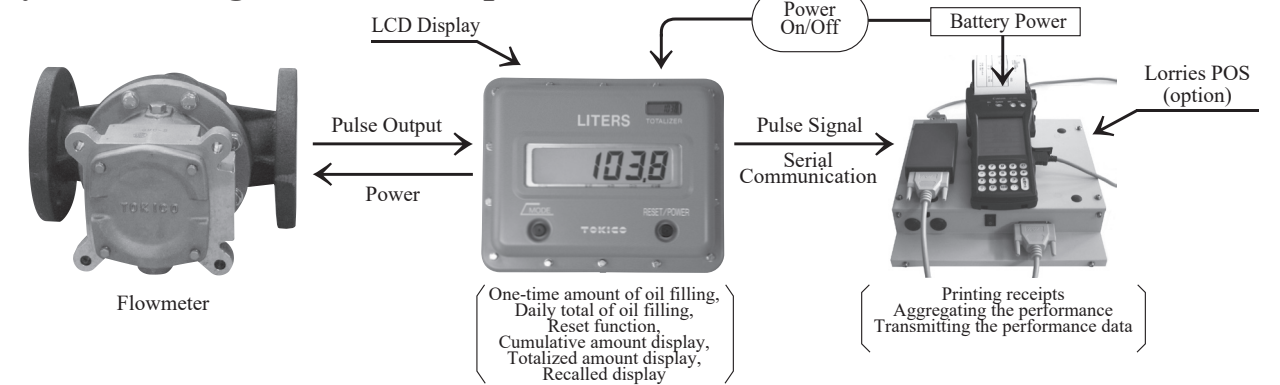
Standard Specification

Applicable Fluid		Kerosene, Light oil, Heavy oil
Accuracy		± 0.5%
Flow Rate Range		3 ~ 15 m ³ /h
Fluid Temperature		Max. 50°C
Max. Working Pressure		Max. 1MPa
Connection Size		50mm (2 B)
Flange Rating		JIS 10 K FF
Material	Body	FC400
	Rotor	ADC12
	Rotor Shaft	SUS416
	Bearing	C5191
	O-ring	NBR
Totalizing Unit	Oil Filling Counter	5 digits 0.1L
	Totalizing Counter	8 digits 0.1L
	Pulse output	0.1L/P (Open Collector)
	Power	20~32V DC
	Constant Current	Approx. 0.7A
Piping Installation		Horizontal or Vertical Piping
Paint Color	Flowmeter	Munsell 2.5 PB 3.5/10
	Totalizing Unit	Munsell 10 B 5/10

Basic Model

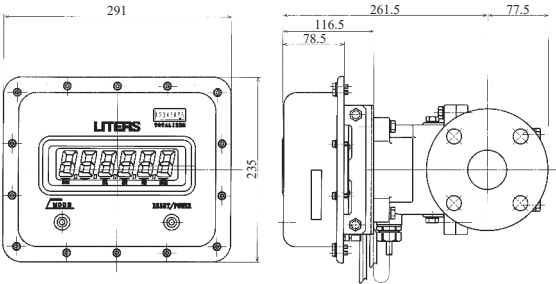
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Contents			
F	R	Y														DIGITAL OIL FLOWMETER for LORRY			
Conn.Size		0	5													50 mm (2B)			
Capacity				4	1											Max. Flow Rate 15m³/h			
Pressure																Max. Working Pressure		Hydraulic Test Pressure	
					B										1.0 MPa		2.0 MPa		
Material																Body		Rotor	O-ring
					D	E								FCD400		ADC12		NBR	
										-									
Indicator										9	9	P			LCD Display				
													-						
Flow meter installation type													L	Separated Model					
													S	Integrated Model					

System Configuration Example

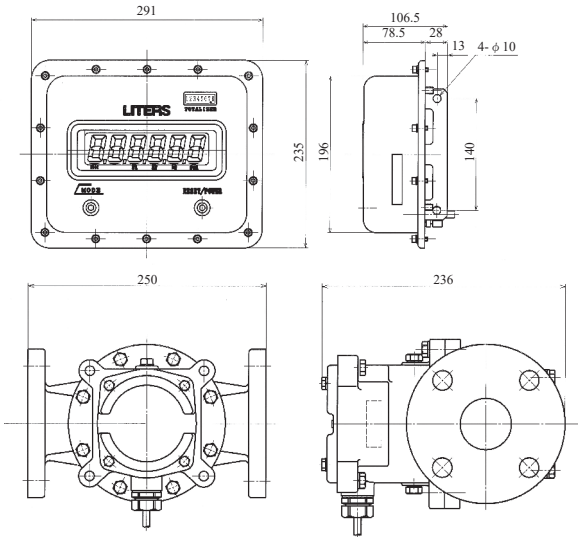


Dimension Drawing

Integrated Model



Separated Model



*Be sure to read the instruction manual carefully before you use this meter to ensure you use it correctly.
 *Note that the contents may be subject to change without notice.

Contact

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