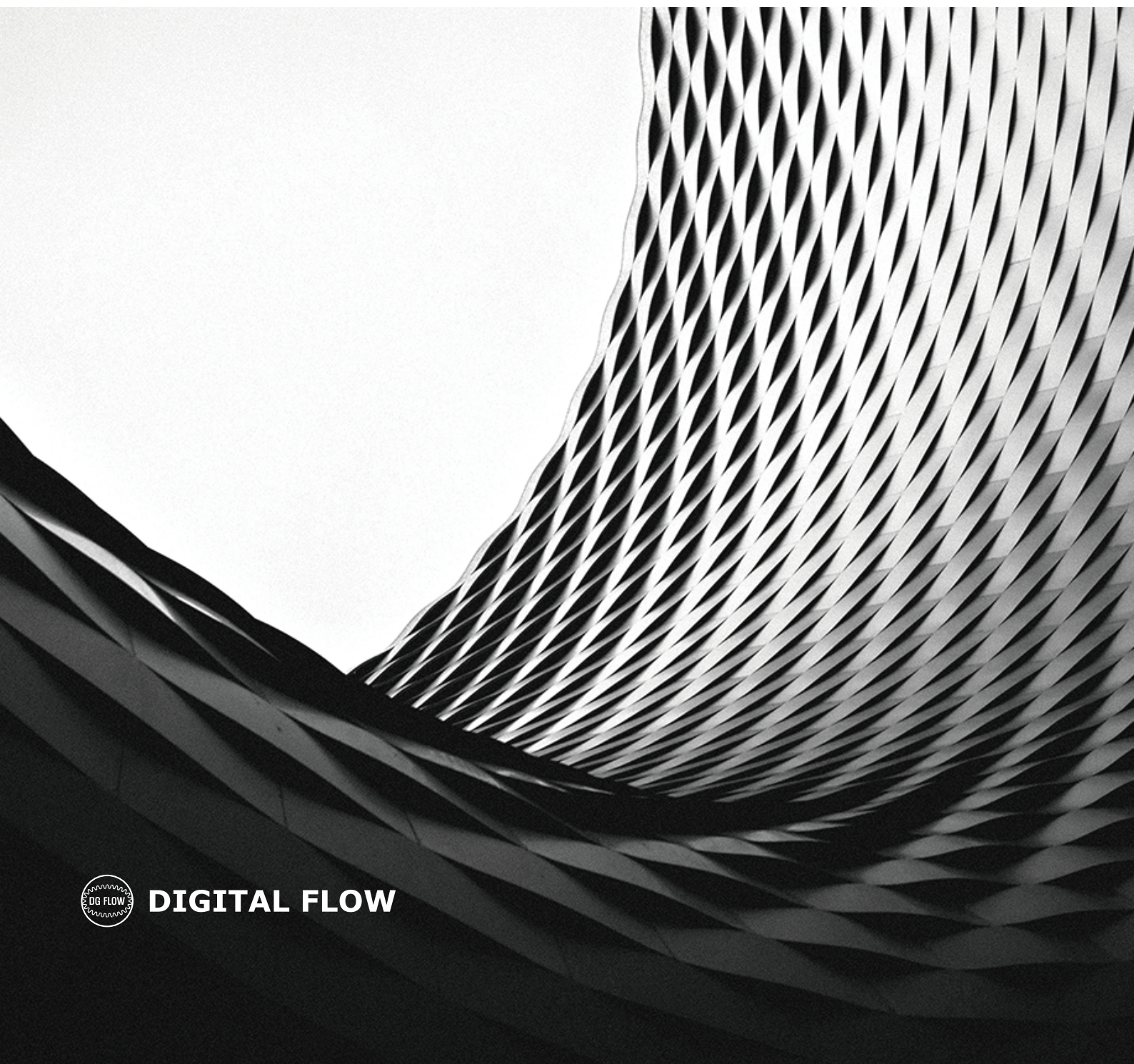


# DIGITALFLOW



## PRODUCT CATALOG

— FLOW METER, FLOW SENSOR and FUEL DISPENSER



**DIGITAL FLOW**

# JUST BRING YOUR DREAM, DIGITAL FLOW





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# HOW ARE YOU?

Thank you for your interest in Digital Flow Co., Ltd. and also for your encouragement.

## DIGITAL FLOW

**Digital Flow Co., Ltd. produces professional manufacturer of flow meter**

Digital flow co., Ltd. have been manufacturing flow meters, flow sensors, flow control counters and fuel dispenser since its establishment in year 2009. After success to develop oval gear type flow meter, Company always try to develop high quality through continuous investment to R&D in order to meet customers & market requirement immediately. Throughout this efforts, we have enlarged products range to flow sensors, turbine flow meter, flow control indicator, general fuel dispenser and even portable fuel dispenser.

In addition, recently we have developed fuel flow meter which is suitable for ultra low volume flow measuring in food fluid, gasoline & diesel, petrochemical materials, high viscosity fluid and cooling system with  $\pm 0.5\%$  accurate ratio by its robust technology and install preventive reverse driven device. This high accuracy fuel flow meter enable to promise higher profits to the customers than using inaccurate flow meter. We promise to provide high quality as well as long durability products with reasonably lower price than the other competitors.

Immediate response & development for the various needs of new products from global customers, we are able to export more than 20 countries in the world including Thailand, Germany, India starting from Finland in the year 2011.

We are always trying to be reliable partner for our valuable customers with innovating technologies and processes. We sincerely express our thanks for your kind attention and hope to have your continuous interesting for our products.

Thanks and best regards



## Company Overview

### Corporate Name

Digital Flow Co., Ltd.

### CEO

Bang, Geuk Jun

### Address

667, Musimseo-ro, Heungdeok-gu,  
Cheongju-si, Chungcheongbuk-do,  
Korea

### TEL / FAX

+82 43-272-6114 / +82 43-274-6114

### Industry

Manufacturing machinery  
and equipment

### Major Business

Thread Type Oval Gear Flow Sensor  
Flange Type Oval Gear Flow Meter  
Portable Fuel Dispenser  
Flow Meter  
Flow Sensor  
Oval gear

### Website

[www.dgflow.co.kr](http://www.dgflow.co.kr)

## CERTIFICATION



**DIGITAL FLOW**

# Digital Flow's Yesterday and Today

2009

**Established Digital Flow Co., Ltd.**  
Manufactured the first oval gears produced by aluminum extrusion.

2010

Started selling the oval gear flow meters produced by homegrown technologies.

2011

- 01**  
Started exporting to Finland.
- 02**  
Started selling the micro oval gear flow meters to domestic market.
- 07**  
Developed the fuel flow meters for cars that measures 5-150 liters per hour.
- 08**  
Started selling the smallest size of oval gear flow meters in domestic market.
- 10**  
Obtained a certification of product-specific approved exporter.

## 2012

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**05**

Started exporting flow meter for portable fuel dispenser to Thailand

**06**

Started exporting to India.

**10**

Started producing flow meters for automobile fuel injection nozzle.

## 2013

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**08**

Obtained UL25A (FLAMMABLE-LIQUID METERS) certification of DGT-010.

**09**

Signed long-term supply agreement for the flow meters for portable fuel dispenser.

## 2014

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**02**

Started exporting to Germany.

**08**

Started exporting to Turkey.

**09**

Started exporting to Estonia.

**12**

Achieved \$1 million export tower of the year 2014 (KITA).

## 2015

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**03**

Started exporting portable fuel dispenser to Myanmar.

**06**

Selection to Promising Export Firm.

## 2016

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**12**

Established the department dedicated to R&D

## 2017

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**03**

Completed the development of fuel dispenser.

## 2018

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**11**

Started exporting base oil to Myanmar.

## 2019

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**04**

Started exporting Oil refining system to Myanmar.

# Flow Sensor

## Aluminum

### Features

Major Fluids	Kerosene, Gasoline, Diesel, Light Oil, Heavy Oil
Manufactured	DIGITAL FLOW CO.,LTD
Made	KOREA

DGT-003AI



DGT-006AI



DGT-008AI



DGT-010AI



DGT-010(UL CERTI)



DGT-020AI



DGT-025AIH





## Stainless steel

### Features

<b>Major Fluids</b>	ALL fluids(Some special chemical product exception)
<b>Manufactured</b>	DIGITAL FLOW CO.,LTD
<b>Made</b>	KOREA

DGT-003SI



DGT-006SI



DGT-008SI



DGT-010SI



DGT-020SI



DGT-025SIH



For more information, visit our homepage  
[www.dgflow.co.kr](http://www.dgflow.co.kr)

# Flow Sensor

## Thread type

### Features

Driven by oval gear	No bearing	Duel flow direction	Inlet & outlet
Volume check flow meter	PD meter	High performance and long durability	
Option	Indicator	Low failure rate	



Model	Aluminum	DGT-003AI	DGT-006AI	DGT-008AI	DGT-010AI	DGT-020AI	DGT-025AI
	Stainless	DGT-003SI	DGT-006SI	DGT-008SI	DGT-010SI	DGT-020SI	DGT-025SI
Flow Range		0.5~50 L/H	5~150L/H	10~300L/H	20~700 L/H	100~2,000 L/H	400~5,000L/H
Accuracy		±0.5%					
Operating Pressure		100kgf/cm <sup>2</sup>				50kgf/cm <sup>2</sup>	
Operating Temperature		-40 ~ 150 °C					
Power		3 ~ 24V DC					
Pipe Size		PT 1/4"	PT 3/8"	PT 1/2"	PT 3/4"	PT 1"	
Dimension (mm)		45x40x32	50x45x37	65x55x42	90x70x62	110x90x77	
Materials	Body	Aluminum	6061 - T6 Aluminum				
		Stainless	316 Stainless				
	Rotor	Aluminum	6061 - T6 Aluminum				
		Stainless	316 Stainless				
	Shaft		316 Stainless				
	O-ring	Aluminum	VITON				
Stainless		VITON					

## Flange type

### Features

Driven by oval gear	No bearing	Duel flow direction	Inlet & outlet
Volume check flow meter	PD meter	High performance and long durability	
Option	Indicator, Flange size by the request	Low failure rate	



Model	Aluminum	DGF-020A	DGF-025A	DGF-040A	DGF-050A	DGF-065A	DGF-080A	DGF-100A	DGF-150A
	Stainless	DGF-020S	DGF-025S	DGF-040S	DGF-050S	DGF-065S	DGF-080S	DGF-100S	DGF-150S
Flow Range		150~2,000 L/H	300~5,000 L/H	500~7,000 L/H	1,000~25,000 L/H	1,500~40,000 L/H	2,000~65,000 L/H	3,000~150,000 L/H	5,000~250,000 L/H
Accuracy	±0.5%								
Operating Pressure	20kgf/cm <sup>2</sup>								
Operating Temperature	-40 ~ 150 °C								
Power	3 ~ 24V DC								
Pipe Size		JIS20K 20A	JIS20K 25A	JIS20K 40A	JIS20K 50A	JIS20K 65A	JIS20K 80A	JIS20K 100A	JIS20K 150A
Materials	Body	Aluminum	6061 - T6 Aluminum						
		Stainless	316 Stainless						
	Rotor	Aluminum	6061 - T6 Aluminum						
		Stainless	316 Stainless						
	Shaft		316 Stainless						
	O-ring	Aluminum	VITON						
Stainless		VITON							

# Turbine Flow Meter

## DGTT-015S

Application	Features	
Water / etc.	Driven by turbine	Lower failure rate
	Dual flow direction; Inlet & outlet	Competitive lower price



DGTT-015S

Accuracy(standard installation position)	±0.5%
Maximum working pressure	500 kgf/cm <sup>2</sup>
Fluid & Ambient temperature	-40 to 80 °C
Flow-Rate Range	400 ~ 5,000 L/H
Pulse Unit	0.00277 L/P (361 P/L)
Power Voltage	3 ~ 24 V DC
Output Signal	Pulse Out(NPN Open Collector)
Connection	PT3/4 (External Thread)
Main Materials	Rotor-Polyamide+Ferrite Casing-304 Stainless Steel Shaft-316 Stainless Steel

# Flow Control Counter

## DG-100

Input flow pulse & analog signal
Check flow rate, Integration flow rate
Accumulation integration rate
Easy outbound Connection



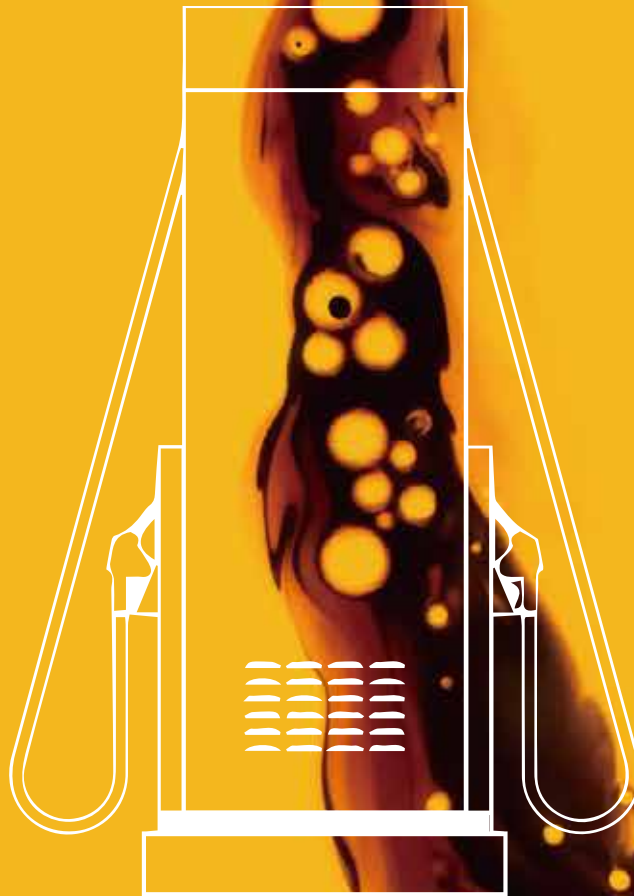
DG-100

Display	2 line 9 Digit Display
Input Power	AC 100 ~ 240 V / DC 12V
Input Signal	V,O,C,PA Pulse, 4~20mA, Coil Sensor
External Communications	RS485, RS232C
The Output Signal	Pulse Output Calibration Pulse Output 4~20mA Output
Control	Relay Output (High, Low)
Flow control	Customer set Integration flow rate control Moment flow rate control





We are always trying  
to be reliable partner  
for our valuable customers.



# Portable Fuel Dispenser

DCD-21/41

## Applications

Diesel

Gasoline

Kerosene



## Features

Bill Acceptor ; bill recognition function by country

Fire-proof structure

Accumulative sales data

LCD display

Free fueling & Set-up fueling

Fueling by price or liter

Temporarily pause

Various option

Fire distinguisher (ball type)

## Installation

Mountain area

Isolated area

Non gas station area

Easy installation with small area

Lower operation cost

# Portable Fuel Dispenser

## Dimensions & Specifications

### TYPE

TYPE	2PUMP 1NOZZLE, 4PUMP 1NOZZLE
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### POWER

POWER REQUIREMENT	AC 200~240V, 50/60Hz(DC12V 25A)
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### FLOWRATE

DELIVERY SPEED	Speed Standard Speed : 7 ℓ /min, High Speed :16 ℓ /min
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\*Note - The delivery speed is affected by oil products, suction conditions and size of hose, nozzle, swivel and solenoid valve.

### PUMP AND MOTOR(SUCTION MODEL)

PUMP	Self-Primed Suction Type, Rotary Vane Type, Bypass Valve, Steel Filter
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### FLOW METER

TYPE	Oval gear positive displacement meter
MEASURING ACCURACY	±0.3%

### DISPLAY

TYPE	LCD Display with Backlight
READOUT	Sale:7digits(9,999,999)/Liter(GALLON):7digits(9,999,999) /Unit price:6digits(999,999)

### NOZZLE & HOSE

NOZZLE	Automatic Shut-Off Nozzle
HOSE	Standard Speed : 1/2"X5m, Single Swivel. High speed : 3/4" X 5m, Single Swivel.

### OPERATING ENVIRONMENT

TEMPERATURE	-25°C/-13°F~+55°C/+131°F
RELATIVE HUMIDITY	5~95%(Under no Condensing)

### FUEL CAPACITY

DRUM	200L
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