



## KTR-550B/F

Flow Monitor Collects, Analyzes and Reports on Flow information

### FEATURE

- LCD Display
- Flow rate, totalizer
- DC 4-20 mA Output
- High · Low Contact
- Batch control
- RS-485

### APPLICATIONS

- ▶ 일반적인 적용 분야
- 유틸리티 용도: 에너지 분배로 사용되는 보조 및 공급 라인
- ▶ 화학 및 기타 공정 산업
- 응축수 과 냉각수
- 반응기에 batching과 혼합
- ▶ 기계 및 장비(OEM산업)
- 냉각재, 냉각수, 윤활유, 공기 공급
- ▶ 종이 및 펄프 산업 분야
- ▶ 철 및 금속 가공 분야

## ■ KTR-550B General Specifications

Power	AC 110/220 V (60 Hz)
Input	Multi Input
Output	Batch Contact A, B / Start, Stop, Reset, Out
Display	Flow rate, Total, Batch total
Dimension	48 mm x 96 mm x 125 mm
Material	Poly Carbonate and Aluminum
Panel cutting size	44 mm x 91 mm
Temp. range	-20 °C ~ 60 °C
Accuracy	Better than 0.1 %

## ■ KTR-550F General Specifications

Power	AC 110/220 V (60 Hz)
Input	Multi Input
Output	DC 4-20 mA
Display	Flow rate, Total
Dimension	48 mm x 96 mm 125 mm
Material	Poly Carbonate and Aluminum
Panel cutting size	44 mm x 91 mm
Temp. range	-20 °C ~ 60 °C
Accuracy	Better than 0.1 %

## ■ MODEL CODE

K T R	-	□	Specification
		550B	Batch Controller
		550F	Flow Rate, Total, DC 4-20 mA Output



## KTR-550B-PT

Flow Monitor Collects, Analyzes and Reports on Flow information

### ■ KTR-550B-PT General Specifications

Display	Backlit Screen 128 x 64 dot Matrix Liquid Crystal Graphic Display
Transducer Supply	AC 220V
Panel Cutting Size	152 mm (Wide) x 76 mm (High)
Power Consumption	10W (220V)
Type	Panel Mounted Type
Service Environment	-20 °C ~ 60 °C / 85%RH

### ■ Incoming Signal

Analog Quantity	Resistance : Standard Thermal Resistance - PT100 Current : 0~10mA, 4~20mA≤250Ω - Input Impedance
Pulse Volume	A Rectangular Shape, Sine wave and Triangular wave Amplitude : More than 4V Frequency : 0 ~ 10 KHz (Or according to user requirements)

## ■ Output Signal

<b>Analog Output</b>	DC 0~10 mA (Load resistance $\leq$ 750 $\Omega$ ) DC 4~20 mA (Load resistance $\leq$ 750 $\Omega$ )
<b>Switch Output</b>	Relay Output - AC220V/3A, DC24V/6A)
<b>Communication Output</b>	Interface mode - RS-232C, RS-485 Baud rate - 600,1200,2400,4800,9600Kbps
<b>Feed Output</b>	DC24V, Load $\leq$ 100mA DC12V, Load $\leq$ 200mA



## KTR-700FC

Flow Monitor Collects, Analyzes and Reports on Flow information

### FEATURE

- LCD Display
- Flow rate, totalizer
- DC 4-20 mA Output
- High · Low Contact
- RS-485, RS-232

### APPLICATIONS

- ▶ 일반적인 적용 분야
- 유틸리티 용도: 에너지 분배로 사용되는 보조 및 공급 라인
- ▶ 화학 및 기타 공정 산업
- 응축수 과 냉각수
- 반응기에 batching과 혼합
- ▶ 기계 및 장비(OEM산업)
- 냉각재, 냉각수, 윤활유, 공기 공급
- ▶ 종이 및 펄프 산업 분야
- ▶ 철 및 금속 가공 분야

## ■ KTR-700FC General Specifications

Input Signal	Analog Input		Pulse Input	
	Thermocouple		Waveform : Rectangular, Sine and Triangle wave	
	PT100		Amplitude: More than 4V	
	Current: 0-10mA, 4 ~ 20mA / Input Impedance $\leq$ 250 $\Omega$		Frequency: 0 ~ 10KHz	
Output Signal	Analog Output	Communication Output	Switch Output	Feed Output
	DC 0 ~ 10mA (load resistance $\leq$ 750 $\Omega$ )	RS232, RS485, Ethernet	Relay with hysteresis	DC24V (load current $\leq$ 100mA)
	DC 4 ~ 20mA (load resistance $\leq$ 500 $\Omega$ )	Baud rate: 600, 1200, 2400, 4800, 9600bps, 8 data bits, 1 stop bit, and 1 start bit	AC220V/3A DC24V/6A ( Resistive load)	DC12V (load current $\leq$ 200mA)
Accuracy	0.2%FS $\pm$ 1d or 0.5%FS $\pm$ 1d Accuracy for frequency conversion : $\pm$ 1 pulse (LMS), better than 0.2%			
Measuring Range	-999999 ~ 999999 for flow rate and compensation value / 0 ~ 99999999.9999 for totalizer			
Display	Backlit 128*64 lattice LCD Display Flow totalizer, Flow rate, Current, Frequency, Date, Time etc.			
Operating environment	Ambient temperature : -20 ~ 60°C Relative humidity: $\leq$ 85%RH, Far from strong corrosive gas			
Power supply	Normal Type: AC 220V % (50Hz $\pm$ 2Hz) Special Type: AC 80 ~ 265V (Switch power) DC 24V $\pm$ 1V (Switch power) (AC 36V 50Hz $\pm$ 2Hz)			
Power consumption	$\leq$ 10W			