



## KTP-500 Series

Positive-Displacement Flow meter  
Accurately Measures the Volume

### FEATURE

- Capable of measuring a variety of fluids including water, oil, and chemicals
- Pulse (Hall Effect, Reed Switch) output type
- Suitable for corrosive fluids or for a high temperature
- No need for a straight piping section
- Possible to measure highly viscous fluids
- High accuracy of measurement and capability of measuring minute flow rates
- Customized piping installation length

### APPLICATIONS

- ▶ General industry
  - Utility Use : Auxiliary and supply lines used in energy distribution
- ▶ Chemical and Other Process industry
  - Batching and mixing in the reactor
- ▶ Food and Beverage
  - Quantitative measurement, settlement, charge
  - Mass flow rate measurement of ice cream and milk
  - Flow measurement of brewing process
- ▶ Pharmaceutical Industry
  - Quantity distribution, charging
- ▶ Water resource

## KTP-500 Series General Specifications

Size	6A (1/4")
Process Connection	Taper Pipe Thread type (PT)
Flow Ranges	Over 5 cP : 20 L/h ~ 500 L/h (Option 15 L/h ~ 500 L/h)
Accuracy	±0.5 % F.S
Fluid Temperature	Max. 120 °C
Ambient Temperature	-25 °C ~ 60 °C
Max. Pressure	Max. 20 kgf/cm <sup>2</sup> .G (Option 350 kgf/cm <sup>2</sup> .G)
Max. Viscosity	1000 Centipoise
Pulse per Liter	400
Display	LCD Display with Backlight (Flow rate, Totalizer)
Output	Pulse (Hall effect sensor or Reed switch)
Mesh Strainer Size	200 MESH
Dimensions	50 x 50 mm

## MODEL CODE

K T P	-	□□□	Specification
		500	Low flow

## STANDARD MATERIAL

No.	Description	Material
1	Meter body	316SS
2	Shaft	316SS
3	O-ring	EPDM