

Introduction of Models to be Released in 2026

Integrated Flow Controller

CLFC1000 | Integrated Flow Controller

- World's smallest class, featuring an integrated, compact, and space-saving design.
- Suitable for flow rate control of pure water, ultrapure water, various chemicals, CMP slurries, etc.
- Equipped with a highly accurate PFA ultrasonic flowmeter.



Measurement and control target	Liquids in general (DIW, various chemicals, slurries, etc.)
Flow range	Slurries (pinch tube valves): 50 to 1000 mL/min Purified water and chemical solutions (needle valves): 2.5 to 25 mL/min, 400 to 4000 mL/min
Maximum operating pressure	0.4 MPa max.
Fluid temperature	5 to 50°C
Flow rate accuracy	±1% R.D.
Control accuracy	±1.5% R.D.
Power supply	24 V DC (±10%)
Control I/O	4-20 mA, 0-10 V
Dimensions	W28/D148/H111 (excluding mounting plate and fittings)
Process connection	φ1/4" , φ3/8" SUPER300 TYPE PILLAR FITTING φ1/4" , φ3/8" FLARE TYPE FITTING
Material	PFA, PTFE (pinch tubes)

Ultrasonic Flowmeter

UCUF-SB / SFC011SB | UCUF Series

- A straight-type ultrasonic flow meter.
- For measuring the flow rate of various chemicals, ultrapure water, etc.
- A single converter can measure up to six lines simultaneously.



Measurement target	Liquids in general (Various chemicals and pure water)	Power supply	24 V DC (±10%)
Flow range	Min.: 0 to 50 mL/min Max.: 0 to 3 L/min	Process connection	RS485 (Protocol: Modbus)
Maximum operating pressure	0.5 MPa max.	Instantaneous flow rate output	4 to 20 mA DC or 1 to 5 V DC etc.
Fluid temperature	+10 to 60°C	Pulse output	Selectable from frequency, totalized flow, alarm, and error. Open collector, duty 1:1 Load resistance within 30 V DC, 10 mA
Flow rate accuracy	±1% R.D. (>800 mL/min)		
Process connection	6mm, 1/4"		
Material	PFA		

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Tokyo Keiso's Flowmeters  
used in semiconductor manufacturing processes



New CLFC1000 and  
UCUF-SB / SFC011SB

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