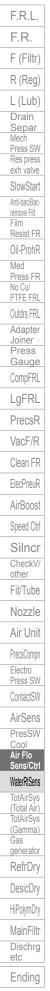
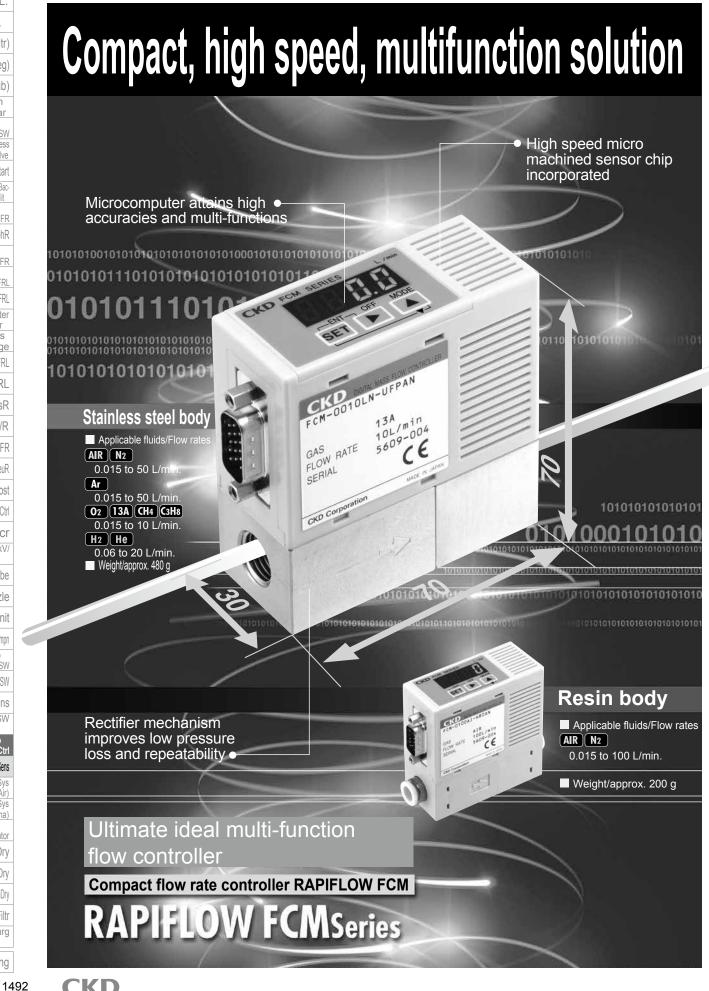
# FCM Series





FCM Series

#### PTFE FR Outdrs FRL Adapte Joiner Press Gauge CompFRL LgFRL PrecsR VacF/R Clean FR ElecPneuR

F.R.L.

F.R.

F (Filtr)

R (Reg)

L (Lub) Drain Separ Mech

Press SW Res press

exh valve

SlowStart

Anti-bac/Bac

remove Filt

Resist FR

Oil-ProhR

Press FF

Med

AirBoost Speed Ctrl Silncr

CheckV/ other

Fit/Tube Nozzle

Air Unit PrecsCompn

Electro Press SW

ContactSW AirSens

PresSW Cool

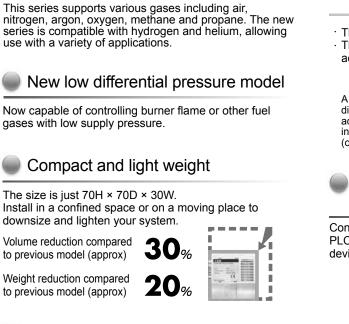




HiPolymDry

etc Ending

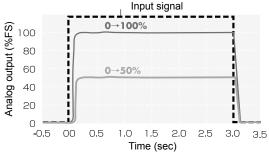
Merging the small size flow sensor FSM and small solenoid valve technologies. The small size flow controller FCM Series is equipped with sensor functions, proportional control functions and valve functions, all of which have high performance and economic efficiency. This series supports various applications.



0.5 second high speed control

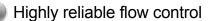
Compatible with various fluids

The platinum sensor chip using silicone micro machining achieves 0.5 second high speed control, enabling use in various applications.



# Dedicated power supply not required

A 24 VDC power voltage allows operation with general-purpose single supplies.



CKD's original rectifier control enhances the repeatability affecting flow controllability.	Repeatability ± <b>1</b> % FS	
	Precision	± <b>3</b> % FS

# Digital display shows the control state at a glance

The flow value is displayed digitally with three digits. · The output state (switch output ON-OFF) is displayed in addition to the error display.

Output display

A top/bottom reversed display can be selected according to the installation direction (option)



# Parallel input type available as a standard

Controllable with parallel input(ON/OFF signal for PLC,10-bit resolution 1024). An analog input/output device, such as a D/A converter, is no longer needed.



# Multi functions with microcomputer

#### Error display function

Errors are displayed and notified with electrical signals.

Zero/span adjustment function

Zero and span can be adjusted according to the usage methods.

#### Preset input function

Flow rate can be adjusted by setting 4 random flow rate points with 2-bit signal inputs from an external source (signals from PLC, etc.).

## Direct memory function

Control flow rate can flexibly be adjusted with the product's operation keys even without input signals from an external source.

## Switch output function

A switch output function using the flow rate's upper/lower limit settings is incorporated. (Built-in overcurrent protection)

## Flow rate integrating function

Integral display of the flow rate (max. 6 digits) and pulse outputs for integration are possible.

## Automatic shutoff function

The valves are automatically shut off in an emergency, such as when an error occurs.

# FCM Series

F.R.L.

F.R.

F (Filtr)

Drain

Mech

remove Filt Film

Med

No Cu/

Joiner Press

other

Electro

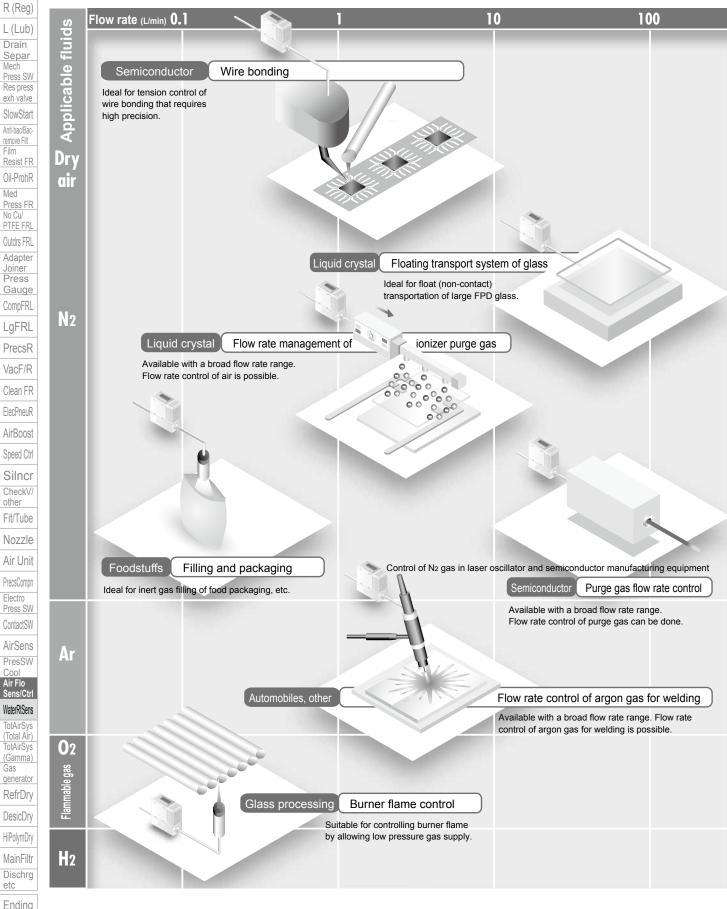
Cool

Gas

etc

## Used in various fields

RAPIFLOW is available for a wide variety of applications in industries such as machinery, automobiles and precision components, cutting-edge fields such as semiconductors and biotechnology, medical care, foodstuff, and more.



CKD