

FUJI ULTRASONIC CONCENTRATION METER

IN-LINE TYPE

FUD-1 Model-120 Series

Solution for unstable measurement "Tighter Accuracy" + "Higher Stability"

FUD-1 Model-122



Model-120

- ▶ The Model-120 replaces the Model-12 as the standard binary concentration meter. All features and performance remains the same.

Model-121

- ▶ The Model-121 is a temperature compensated version of the Model-120. It is used where temperature variations may occur. This new technology is effective outside and other non-temperature controlled areas.

Model-122

- ▶ The Model-122 is designed for stable concentration monitoring using our new optimization program. Effective on applications requiring high accuracy and stable readings. It also features a temperature compensation technology as Model-121.

Application

- Hydrogen peroxide in CMP slurry
- TMAH
- Ammonium persulfate etc.



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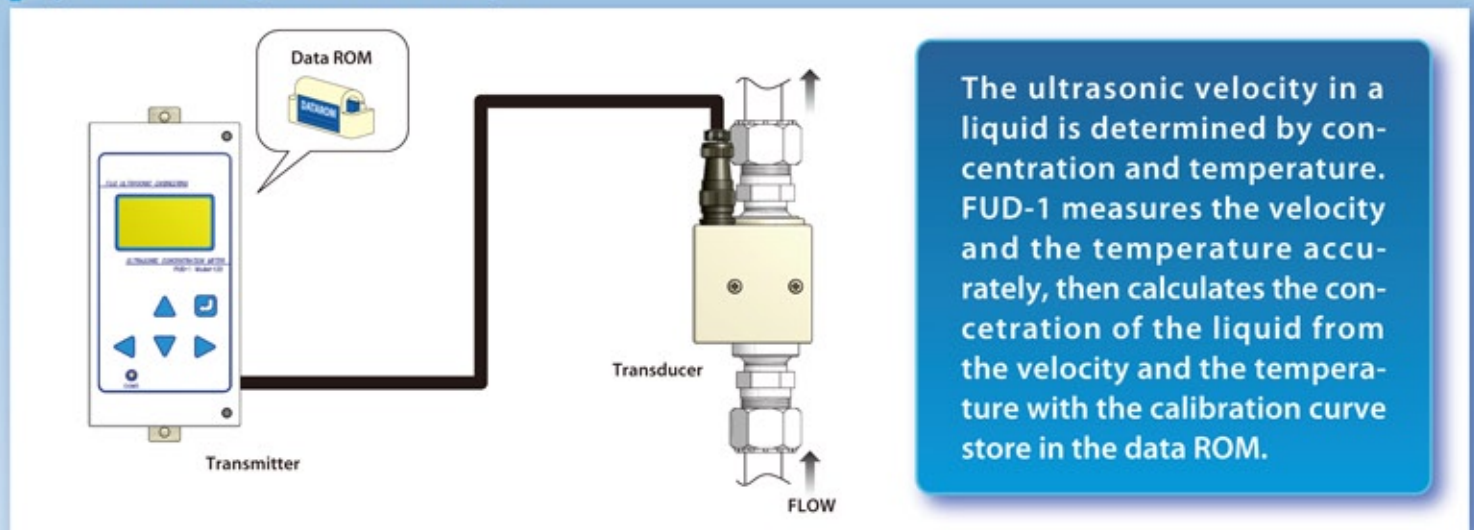
FUJI ULTRASONIC CONCENTRATION METER FUD-1 Model-120 series

Specifications

FUD-1 Model-120, Model-121, Model-122	
Meas. Parameters	Ultrasonic propagation velocity, and Liquid temperature
Display	LCD (Conc. Vel. Temp. / Parameters)
Output	Analog : DC4~20mA Digital : RS232C (Conc. Vel. Temp. Err.) Alarm HH/H/L/LL and Error
Power	AC100~240V 50/60Hz 30VA
Transmitter	Panel Mount (DIN)
Functions	Output, Alarm output, Average function, Gain/Offset functions, Self-diagnosis function, Fail safe mode function, Auto error canceller function
Option	Temp. output (DC 4~20mA)
Channel	10Ch Max.
Cable	6m
Material	PFA
Fittings	1/2"~1" optional
Conditions	Transmitter 20~30°C (Model-120) 10~40°C (Model-121, 122) RH85% or less Transducer 5~45°C Liquid Temp. 0~50°C Pressure 0~0.3MPa Flow 5 LPM or less

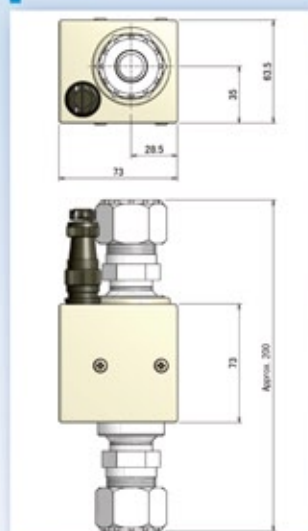
Specification changes without notice

System configuration / Principle

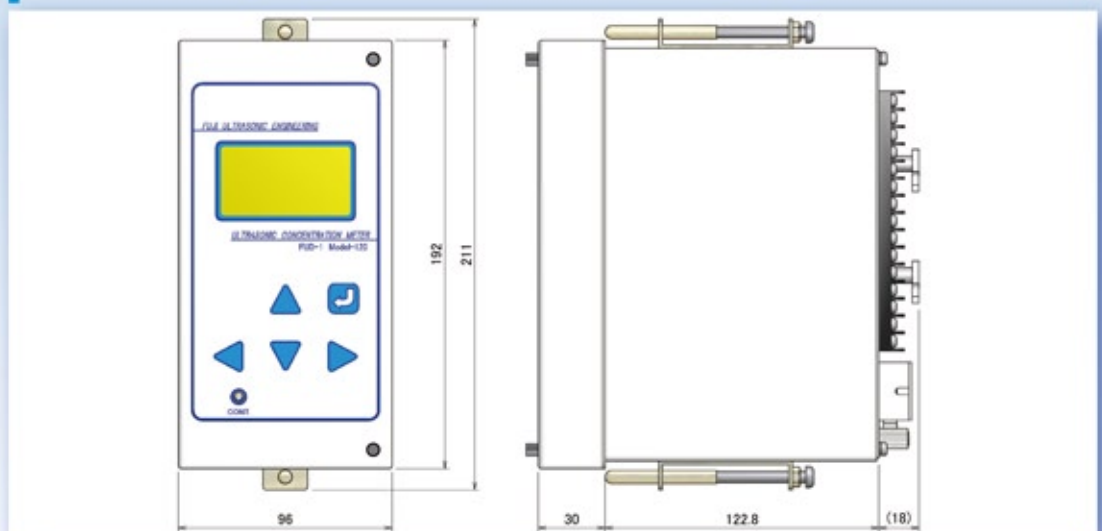


Dimensions

Transducer



Transmitter



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