



Mass flow meter **CLEAN FLOW®**

■Sensor		Size	015	025	050	080	100	150
Nominal diameter			10A, 15A, 20A, 25A, 40A, 50A, 65A, 80A, 100A, 150A, 200A					
Connection end			JIS10K, 20K ASME/ANSI 150, 300, 600 JPI 150, 300, 600 DIN PN16, 40, 63 Ferrule					
Fluid			Liquid, Gas					
Flow range			0~860,000.kg/h(6 type)					
Accuracy	Flow rate	Liquid	General : Mass flow ±0.4% Volume flow ±0.4% High accuracy : Mass flow ±0.15%(±0.1%:Option) Volume flow ±0.15%					
		Gas	General : Mass flow ±1% High accuracy : Mass flow ±0.5%					
	Density	Liquid	General : 0.010kg/L High accuracy : 0.002kg/L(0.001kg/L:Option)					
Temperature			General : -50~160℃ High accuracy : -50~205℃ Explosion-proof type is depending on the specification					
Pressure			Depending on the connection end					
Wetted parts material			SUS316L alloy C (Option)					
Explosion-proof			ATEX / IECEx, cFMus, TIIS (Applying)					

■Transmitter		Power	100~240VAC, 50/60Hz 11~30VDC
Power consumption		20W	
Protection level		IP65 / IP67, NEMA 4X	
Housing material		Aluminum Stainless (Remote type: Option)	
Output signal		Analog : 4~20mADC Digital : 2 points (Pulse or switch) HART	
Transmission distance		200m max. (Remote type)	

We offer the most suitable item as per your operation circumstance and usage

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The contents are subject to change without notice.

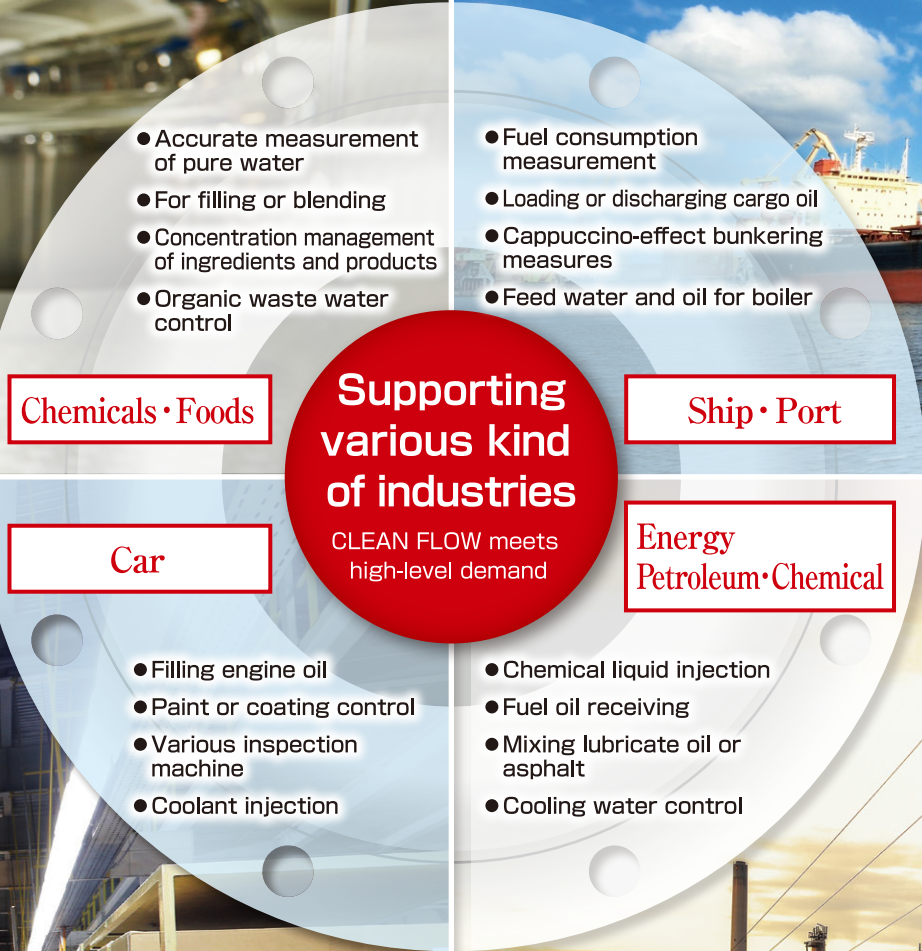
NEW PRODUCTS

Mass flow meter **CLEAN FLOW®**



Don't be satisfied with high accuracy only

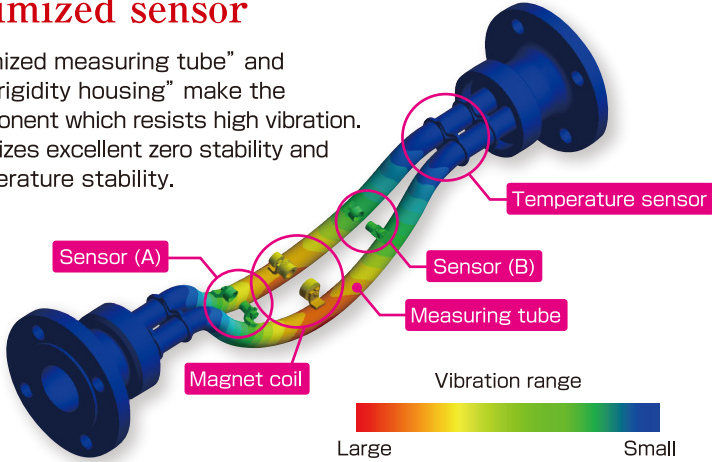
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It can measure mass flow directly by detecting phase difference of measuring tube which is generated by Coriolis. Also density and temperature can be measured by 1 unit.

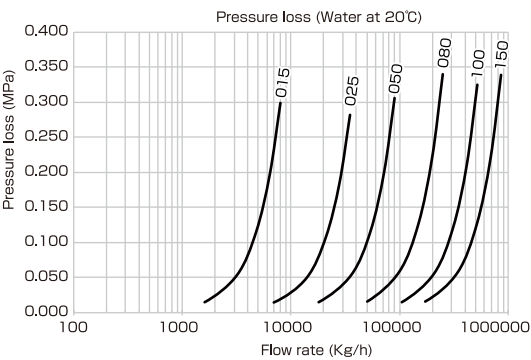
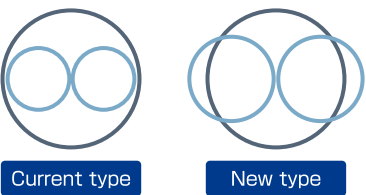
High accuracy is in the optimized sensor

"Minimized measuring tube" and "High rigidity housing" make the component which resists high vibration. It realizes excellent zero stability and temperature stability.

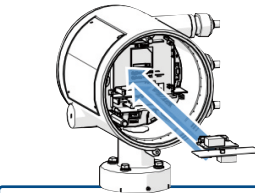


Advantage in low pressure loss and high capacity

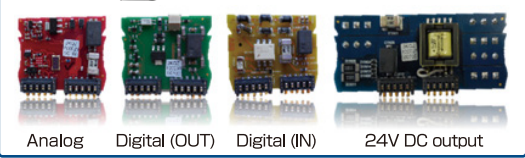
Maximized measuring tube realize low pressure loss and high capacity. It can measure larger flow rate than other large size mass flow meter which has similar pressure loss. You can select smaller pump capacity, and contribute to energy save.



Various management style by output system



Additional output is easy by installing plug-in card on purpose.



Various indication contents with back-light. Easy operation and setting by touch sensor.