



Reflected luminous detecting type Propeller type Current Meter

MODEL	Main unit	VO1000	VO-2301
	Detector	VOT2-100-05N	VOT2-100-10
		VOT2-200-20	

It is sometimes hard to measure if it is not a Propeller-type Current Meter.

Proper use corresponding to the use is possible, too.

There main unit can use even which of VOT-type detector (ϕ 5, 10, 20mm).



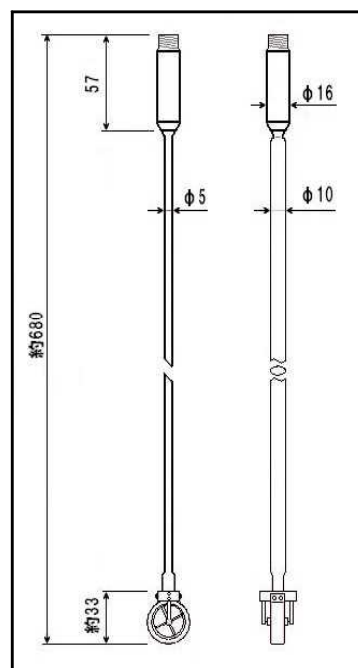
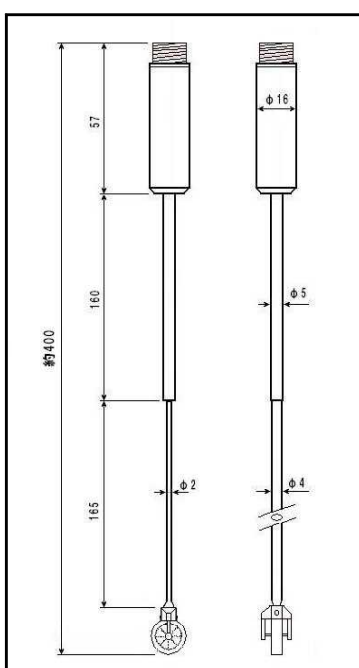
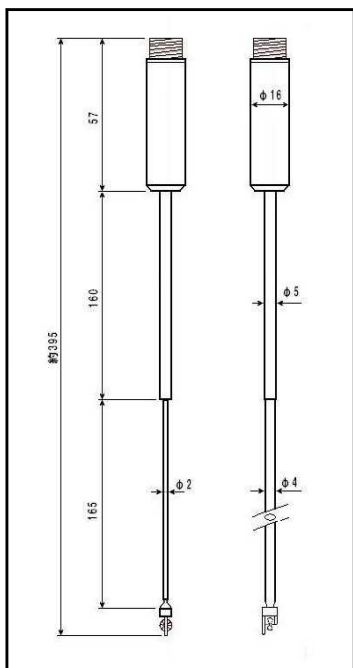
Model : VO1000

1. It is with the analog signal output.
2. Velocity indication and pulse indication can be seen by switching.
3. The rotation of the propeller can be confirmed by the pulse sound.
4. A rechargeable battery is built in and both the inside and open air can be used.

* A detection vessel has three kinds, and compatible with three main unit.

Model : VO-2301

1. Display is analog meter.
2. With output terminals for voltage.
3. "A" constant easy setting on the panel.



VOT2-100-05N

VOT2-100-10

VOT2-200-20

[Standard specification]

1. Main unit

	VO1000	VO-2301
Model	VO1000	VO-2301
Measuring range	$\pm 3 \sim \pm 200 \text{ cm /s}$	$\pm 3 \sim \pm 200 \text{ cm /s}$
Measurement precision	Within $\pm 3 \text{ cm /s}$	Within $\pm 3 \text{ cm /s}$
Average time	1, 5, 10, 20, 40, 60sec.	*
Output voltage	$\pm 2\text{V/FS}$	$\pm 5\text{V/FS}$
Output current	*	Option (4 ~ 20mA)
Output pulse	*	Option (TTL level)
Calibration signal	*	+50% and +100%
Indication	LCD 20 letters 4 lines	Analog meter (cm/s)
"A"constant setting	Input by the kye	Digital switch
Pulse sound	The buzzer intermittent sound	*
Measuring mode	Auto/Manual	*
Ambient environment	Temperature 0 ~ + 40 °C	Humidity 20 ~ 80%
Power source	2 way system DC:Built-in 2nd battery 12V AC:100V $\pm 10\text{V}$ (50/ 60Hz) (for combined use with AC-Adapter)	AC100V $\pm 10\text{V}$ (50/60Hz) Need to designate of power source.
Dimensions (W × H × D) (without projections)	215 × 100 × 66 mm	316 × 96 × 300 mm
Weight	Approx. 1.3 kg	Approx. 4.5 kg

2. Detector unit

	VOT2-100-05N	VOT2-100-10	VOT2-200-20
Model	VOT2-100-05N	VOT2-100-10	VOT2-200-20
Detecting method	Optical pulse count type.		
Measuring range	$\pm 3 \sim \pm 100\text{cm /s}$	$\pm 3 \sim \pm 100\text{cm /s}$	$\pm 3 \sim \pm 200\text{cm /s}$
Measurement error	within $\pm 3\text{cm /s}$	within $\pm 3\text{cm /s}$	within $\pm 3\text{cm /s}$
Propeller	$\phi 5 \text{ mm}$ Made of stainless steel	$\phi 10 \text{ mm}$ Made of stainless steel	$\phi 20 \text{ mm}$ Made of Polypropylene
Pulse / rotation	8	8	20
Rod	$\phi 3 \text{ (Oval)} + \phi 5\text{mm}$ Made of stainless steel	$\phi 3 \text{ (Oval)} + \phi 5\text{mm}$ Made of stainless steel	5 × 10mm (Oval) Brass Ni-plating
Protection ring	*	D i a ϕ	Dia $\phi 28\text{mm}$
Overall length	Approx.390mm	14mmApprox.400mm	Approx.680mm
Weight	Approx.70g	Approx.70g	Approx.220g
Working temperature	0 — 40 °C (Not to be frozen)		
Waterproof connector withstanding pressure	2kg/cm ² (20m)		

[Standard accessories]

Main unit	Model	VO1000	VO-2301	Detector unit	Model	VOT2-100-05N	VOT2-100-10	VOT2-200-20
• AC Adapter		1pc	*	• Connecting cable (5m)		1pc	1pc	1pc
• Power supply cable		*	1pc	• Fitting		1pc	1pc	1pc
• Output cable (1.5m)		1pc	1pc	• Data sheet		1	1	1
• Fuse (1A)		*	2pcs	• Wooden box		1pc	1pc	1pc
• Carrying case		1pc	*	• Tweezers		1pc	1pc	*
• Instruction manual		1	1	(for the trash removal)				

NOTE : (＊) This mark lacks equipment, or it isn't attached.

＊ Contents of mention of this catalog are sometimes changed without notice.

KENEK Corporation

2-8-1, Musashino, Akishima, Tokyo.

196-0021 Japan

Pho. +82-42-544-1011 Fax. +82-42-544-4748