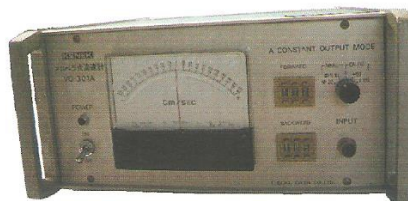


Reflected luminous detecting type Propeller type Current Meter

MODEL	Main unit	VO1000	VO-301A
	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).



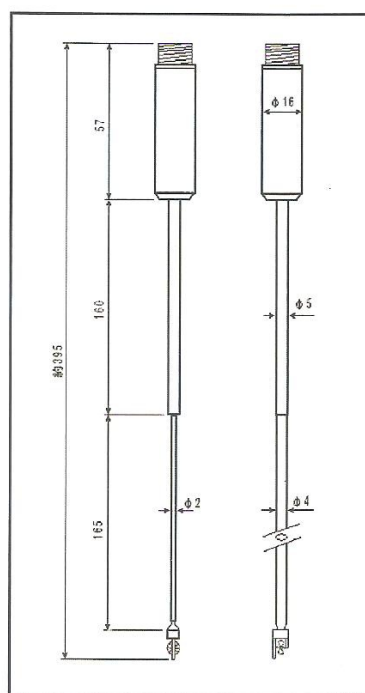
Model : VO1000

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.

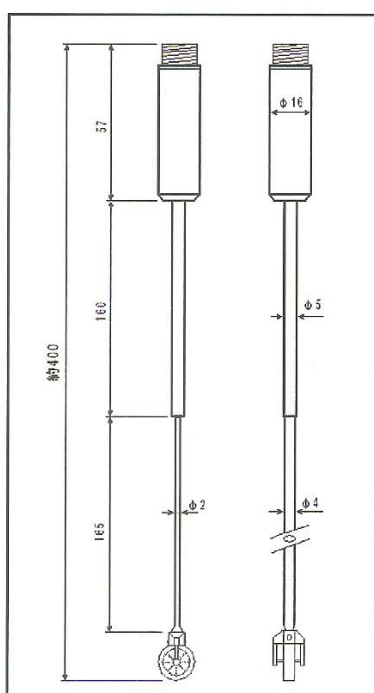
Model : VO-301A

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

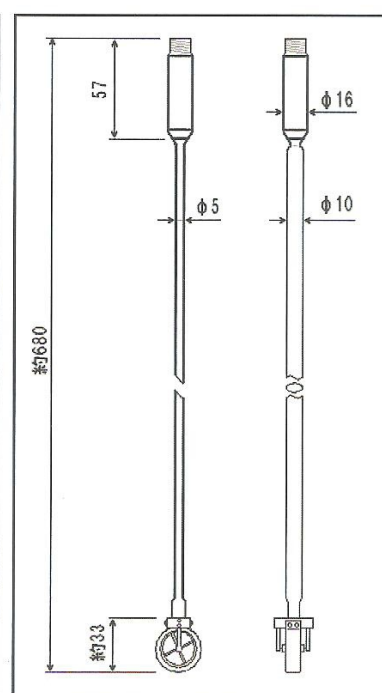
* A detection vessel has three kinds, and compatible with three main unit.



VOT2-100-05N



VOT2-100-10



VOT2-200-20

[Standard specification]

1. Main unit

Model	VO1000	VO-301A
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	*	4 ~ 20mA
Output pulse	*	TTL level
Calibration signal	*	+50% and +100%
Indication	LCD 20 letters 4 lines	Analog meter (cm/s)
"A" constant setting	Input by the key	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 AC100V $\pm 10\text{V}$ (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	310 × 150 × 345 mm
Weight	Approx. 1.3 kg	Approx. 5.6 kg

2. Detector unit

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	*	Dia ϕ	Dia $\phi 28 \text{ mm}$
Overall length	Approx. 390mm	14mm Approx. 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-301A	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	3pcs	• Data sheet	1	1	1
• Fuse (0.5A)	*	4pcs	• Wooden box	1pc	1pc	1pc
• Fuse	*	2pcs	• Tweezers	1pc	1pc	*
• Recording paper	*	*	(for the trash removal)			
• Carrying case	1pc	*				
• Instruction manual	1	1				

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

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

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