

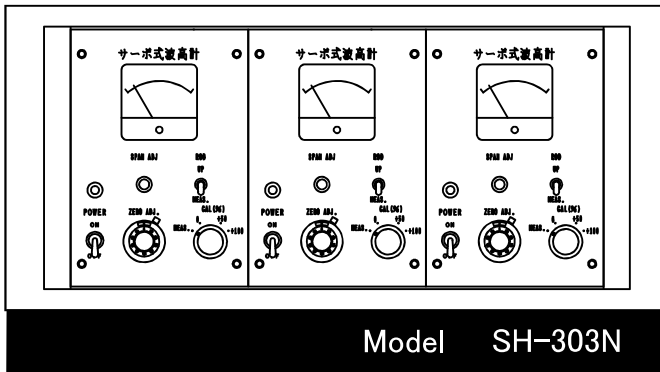


Servo type Wave Height Meter

Model SH-301N /SH-303N ,SHT3-30E/SHT3-60E



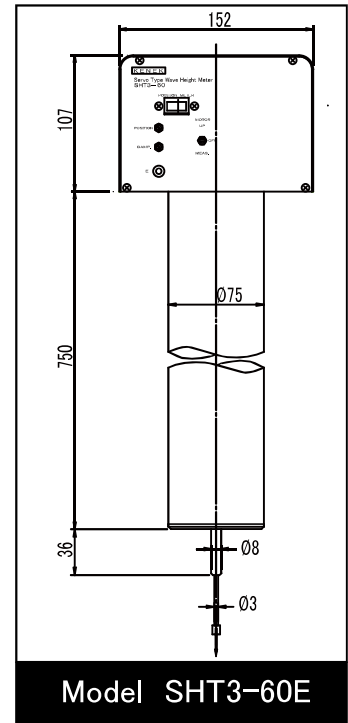
Model SH-301N



Model SH-303N



Model SHT3-30E



Model SHT3-60E

1. The wave height meter, which employs a high power servo motor, has far more lightweight movable parts. As a result, it is very highly capable of tracing a wave height. Beside, the servo type wave height meter is designed with contrivances excelling in response and in stability.
2. A needle electrode regulating level meter is attached to the detector unit. The detector needle, therefore, has a depth readily and positively adjustable.
3. With the detector unit made compact and lightweight, the servo type wave height meter can be handled easily upon installation or otherwise. As a result, it is serviceable, with two or more detector units brought close to one another.
4. The wave height meter has the body smaller-sized in a single unit. Even when it is employed in two or more channels, the wave height meter will not have a location complicated.
5. A relation between detector needle and output voltage is calibrated in the interior of the meter. No calibration, therefore, is required at all. It is also applicable as the reference for an external wave height meter, too.

[Standard specifications]

Main unit model	SH-301N	SH-303N
Number of channels	1	3
Output voltage	± 3 (variable to $\pm 5V$ max.)	
Power consumptions	Load 10k Ω or more	
Calibration voltage	0,50%, 100% (Accuracy $\pm 0.1\%$ FS or less)	
Output monitor	2.5 class analog meter	
Power source	220V AC $\pm 10V$ 50Hz & 60Hz	
Power consumptions (Approx.)	Approx. 15VA	Approx. 45VA
Weight (Approx.)	2.5Kg	11.5kg
Dimensions (Approx.)	90 W \times 135H \times 250D mm	310W \times 160H \times 345D mm

The weight of model:SH-303E is determind as accommodated in the exclusive case.

Detecting unit model	SHT3-30E	SHT3-60E
Maximum measuring wave height	300mm (± 150 mm)	600mm (± 300 mm)
Measurble water quality	General industrial water (A brine application type will be also available on a apesial order basis)	
Response (subject to inhouse standard)	wave height ± 25 mm : 5.6Hz, ± 50 mm : 3.8Hz wave height ± 75 mm : 2.6Hz, ± 100 mm : 1.9Hz wave height ± 150 mm : 1.5Hz	
Linear velocity	1.2 m/s	
Resolution	0.05mm	0.1mm
Linearity error	$\pm 0.2\%$ FS	
Stability	$\pm 0.1\%$ FS/h	
Weight (Approx.)	1.5Kg	4.5Kg

[Standard accessories]

Main unit

SH-301N

SH-303N

Power cable (3m)	1	1
Output cable (1.5m)	1	3
Sync cable (0.5m)	1	3
Fuse (1A)	2	6
Instruction manual	1	1

Detecting unit SHT3-30E/60E

Grounding electrode (3m)	1
Detecting needle	2
Fitting	1
Wooden box	1

Option Connecting cable

Specifications subject change without notice.

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