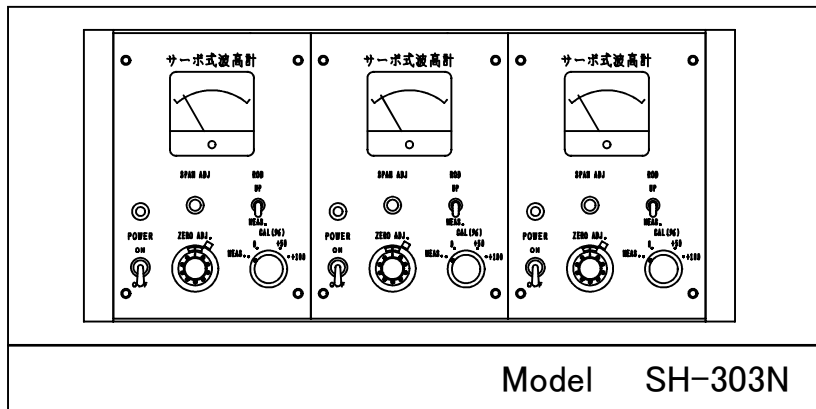


Servo type Wave Height Meter

Model SH-301N SH-303N SHT3-30E



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 and SH-303N
Number of channels	SH-301N:1channel. SH-303N:3channels. (accommodated in the case)
Output voltage	±3 (variable to ±5V max.)
Power consumptions	Load 10kΩ or more
Calibration voltage	0.50%, 100% (Accuracy ±0.1% of fullscale or less)
Output monitor	2.5 class analog meter
Power source	100V AC±10V 50Hz & 60Hz
Power consumptions (Approx.)	SH-301N: Approx. 15VA, SH-303N:Approx. 45VA
Weight (Approx.)	SH-301N: 2.5Kg SH-303N: 11.5kg
Dimensions (Approx.)	SH-301N: 90W×135H×250D mm SH-303N: 310W×160H×345D mm

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

Detecting unit model:	SHT3-30E
Maximum measuring wave height	300mm (±150mm)
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 ± 25mm : 5.6Hz, ± 50mm : 3.8Hz wave height ± 75mm : 2.6Hz, ±100mm : 1.9Hz wave height ±150mm : 1.5Hz
Linear velocity	1.2 m/s
Resolution	0.05mm
Linearity error	±0.2% of fullscale
Stability	±0.1% of fullscale by hour
Weight (Approx.)	1.5Kg

[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	
Connecting cable (10m)	1
Grounding electrode (3m)	1
Detecting needle	2
Fitting	1
Wooden box	1

Specifications subject change without notice.

CAT.NO.090824E

KENEK Corporation

2-8-1Musashino,Akisima-shi,Tokyo196-0021
TEL+81-42-544-1011 FAX+81-42-544-4748
<http://www.kenek-co.com/>
Email:sales@kenek-co.com