

Precision style

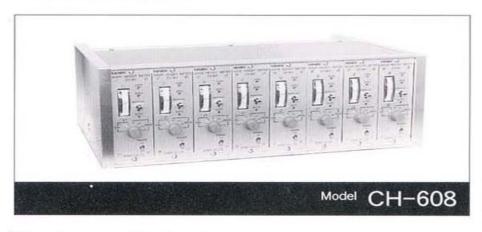
Capacitance type Wave height meter

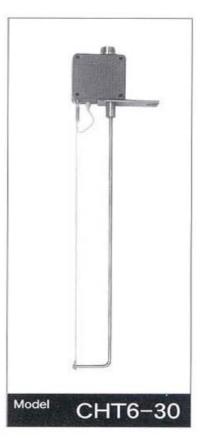
Model CH-601 CHT6-C CH-604 CHT4-HR40

CH-608

 Utilized of new circuits for detecting unit assures high performances.

- 2.Linearity improved as $\pm 0.3\%$ of full scale.
- Main unit and detecting unit of CH-4 model and CH-6 model series are interchangeable respectively.
- 4.More rapid waves can be measured by fast response type sensor(CHT4–HR40 and 70).
- Each unit of main unit is equipped power source, thus enable to use at other places by removed from main unit case.





[Standard specifications]

Main unit models Model:CH-601 Model:CH-604 Model:CH-608

Channel No, 1 channel 4 channels 8 channels

Measuring mode $\times 1, \times 2, \times 4, \times 10$ (4 points switching)

Calibration mode $0, \frac{1}{2}, 1(3 \text{ points switching})$

Auto zero error $\pm 0.1\%$ of full scale

Output voltage $\pm 2.5 \text{V}$ (Meas.mode $\times 1$) Dynamic range $\pm 7 \text{ V}$

 \pm 5V (Meas.mode \times 2)

Temp.ranges 0~+40℃

Power source 100Vac±10V 50Hz or 60Hz (Need to designate of power source)

Power consumptions about 5VA about 20VA about 40VA

Dimensions(mm) $50^{W} \times 140^{H} \times 170^{D} \ 235^{W} \times 150^{H} \times 300^{D} \ 435^{W} \times 150^{H} \times 300^{D}$

Weight(about) 0.8kg 5kg 10kg



[Standard specifications]

Descriptions	Standard detector	Fast responce detector (Patent pending)		
Detector models	CHT6-10 ∼CHT6-100	CHT4-HR40,CHT4-HR70		
Max wave height	10cm~100cm	40cm, 70cm		
Water quality	City water	City water		
Linearity error	$\pm 0.3\%$ of full scale	$\pm 0.5\%$ of full scale		
Responsivility	10Hz	30Hz		
Stability	$\pm 0.02\%$ / °C of full scale	$\pm 0.05\%$ / $^{\circ}\mathrm{C}$ of full scale		
Mutual intervention	under $\pm 0.1\%$ (Sensor distance lcm)	under $\pm 0.5\%$ (Sensor distance 5cm)		
Temp.ranges	$0\!\sim\!40\%$ (Water surface must not frozen)	en) O~40°C (Water surface must not frozen)		
Dimensions(mm)	$40^{\mathrm{W}}{ imes}65^{\mathrm{H}}{ imes}65^{\mathrm{D}}$ (Head amp.only)	$60^{\mathrm{W}}\!\! imes125^{\mathrm{H}}\!\! imes80^{\mathrm{D}}$ (Head amp.only)		
Weight(about)	$0.5 \text{kg} \sim 0.8 \text{kg}$	$0.7 \text{kg} \sim 0.9 \text{kg}$		

- 1. Main unit of CH-6,CH-4 and connecting cable can be used commonly for standard and fast response detectors.
- Other than the above length are also available upon request for both standard and fast response detectors.
- 3. Composit circuits are different, therefore, no interchangeability with other Wave height meter, such as CH-3 or CH-5.

[Accessories]

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Power source	cable (3m)	1pc	(-)Screw driver	1pc
Output cable	(1.5m) N	os.of Ch.	Cloth cover (CH-601 nil)	1pc
Fuse (0.5A)	CH-601	1pc	Instruction manual	1bk
Fuse (0.5A)	CH-604,CH-608	8pcs	Detector wooden case	1pc
Fuse (1A)	CH-604,CH-608	2pcs	(for 1pc, 4pcs, 8pcs)	

^{*} Connecting cable (33m standard), Support rod (S-1) and Fitting (S-2) are options.

Specifications subject change without notice.

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