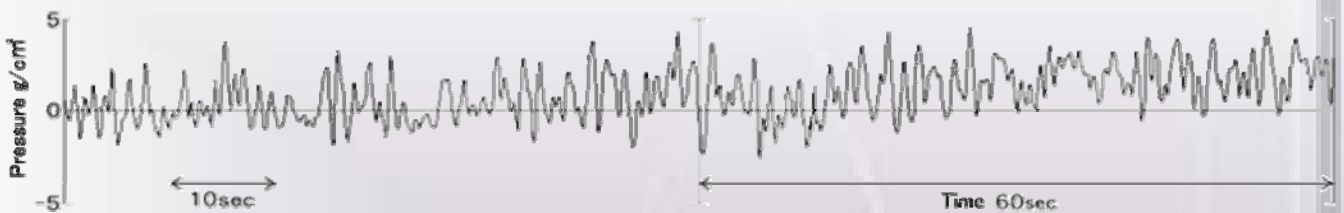


Self-recording Type

High-resolution 0.1g/cm<sup>2</sup> · High-speed sample 0.1sec

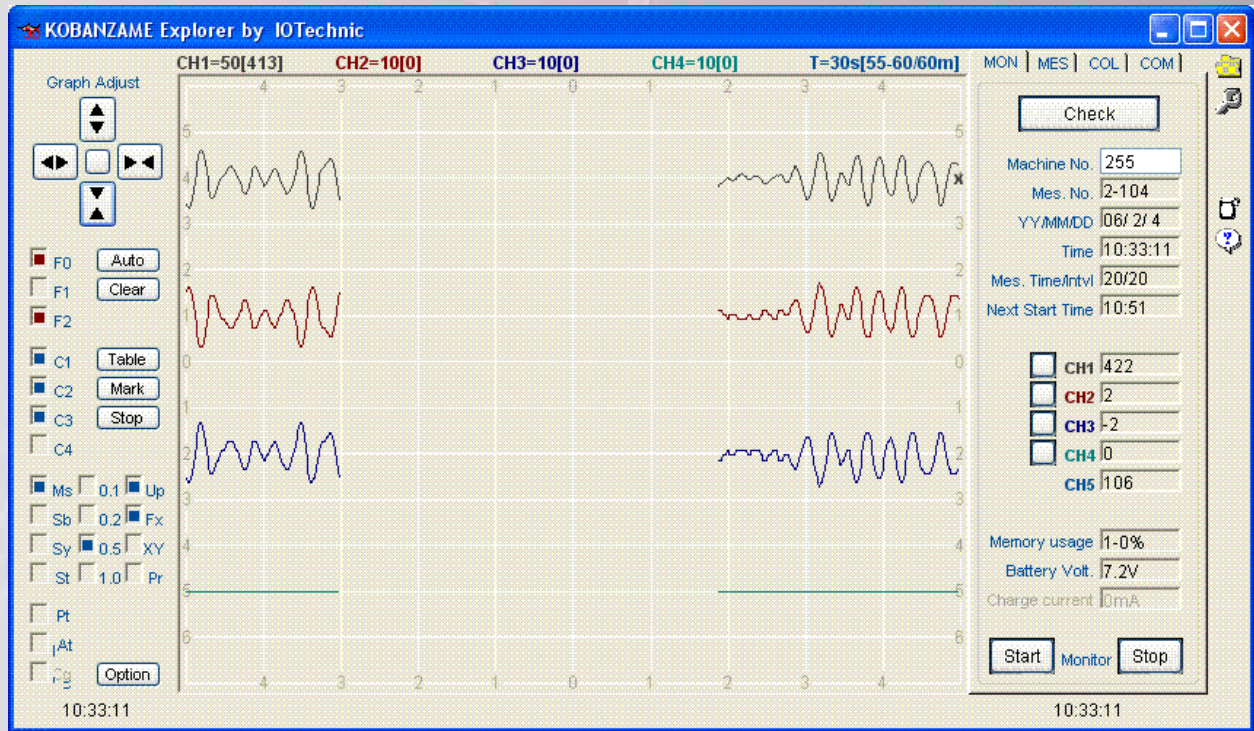
# SUPER-HYDRAULIC PRESSURE TYPE WAVE-HEIGHT GAUGE

- The best for the wave height and the water level measurement by Reef, Tidal flat, Surf zone, Lakes and Marshes, River, Waterway, Harbor !
- Small, light, and low-priced. It is possible to use it even in lab and field.
- The monitor software of four channel real-time display is appended.
- A self-recording function (flash memory) can safely maintain data the battery even down.
- The Internet monitor system can be offered by the telemeter or the cable.(Option)
- Electromagnetic self recording current meter can be connected, and it measure the wave direction.
- Self-recording function is six months or more in an interval observation. Continuous observations are 30 days or more. The long period wave can be observed.
- The sample of the figure below is wave amount (hydraulic pressure) data of 0.15m in depth rising tide in Ariake Sea.



- As for [MagicProcessorK](#)(optional), the processing function has been enhanced.
- Processing item  
Maximum wave height and period, 1/10 of maximum wave height and period, significant wave height and period, average wave height and period, wave count, water depth,  $\eta$  rms, skewness, Kurtosis, water level, maximum long-period wave height and period, and significant long-period wave height
- The bandwidth of the filter can be set. The shape of waves and the power spectrum can be graphed.
- Hydraulic pressure is converted into the surface wave by the FFT method.

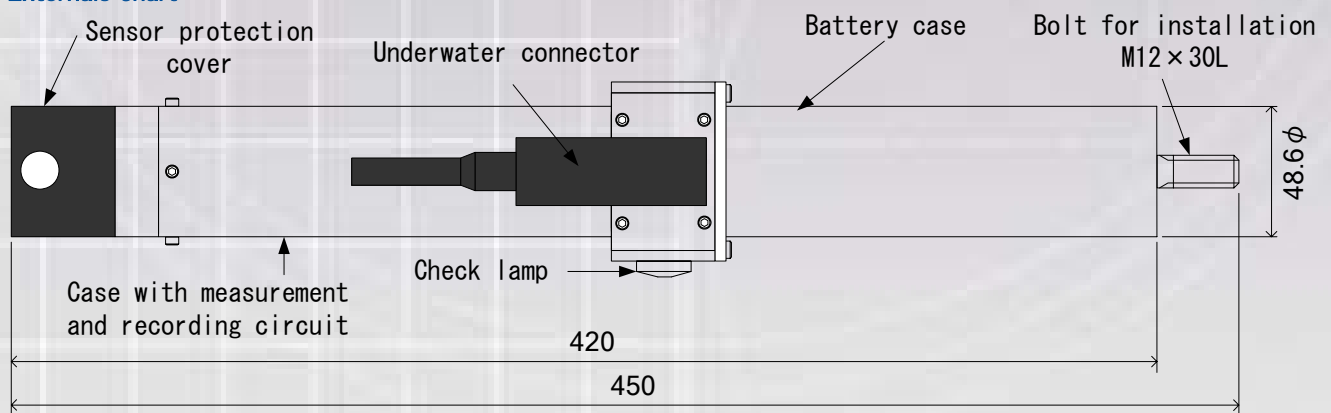
Example of displaying monitor software



Specifications of SUPER-HYDRAULIC PRESSURE TYPE WAVE-HEIGHT GAUGE

Composition and name	Type	Outline of specification
SUPER-HYDRAULIC PRESSURE TYPE WAVE-HEIGHT GAUGE	HJ-401	Water pressure: Range 0 to 5kg/cm <sup>2</sup> , precision $\pm 0.5\%$ /FS, resolution 1 g/cm <sup>2</sup> , absolute pressure Memory (51,900,000 data), sampling interval 1.0, 0.5, 0.2, 0.1sec dimension: 420L x 48.6 $\phi$ , weight: 1kg, material: Titanium
OPTION		
Telemeter	MG-111	This is a telemeter radio transmission device of specified small power housed in a water and pressure proof case to integrate a battery and a control circuit in the antenna dome for two-way transmission. at 400 MHz and 4,800 bps over a distance of 2km on the sea.
Sea buoy	BY-301	Special assembly type small buoy 3800H, Float 570L x 345 $\phi$ , 20Kg
<b>MagicProcessorK-E</b> (Data processing and communication software)	RA-604	It is processing and a communication software. The calculation of the wave height, drawing in the graph, and file management are done.
Personal computer connection cable	CA-230	It connects with the main body and the personal computer. Standard 2m
Lithium battery pack	LB-430	3.6V, 30AH

Externals chart



A dynamic sea is told.

Oceanic measurement equipment, Designing, manufacturing, and marketing

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