

High Accuracy Laser Tide Gauge

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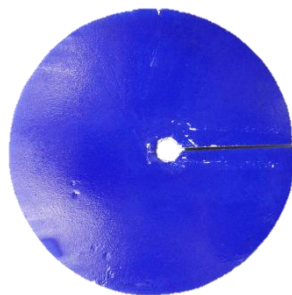
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USA

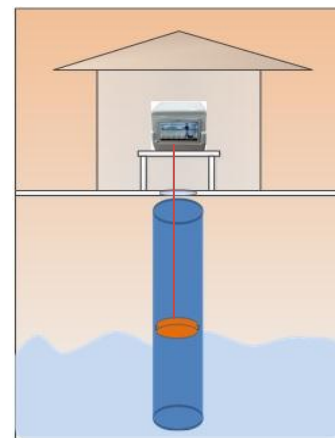
High Accuracy Laser Tide Gauge; LTG-100



<Laser Tide Gauge>



<Reflecting plate>



<Ex. Installation of Tide Gauge>

Introduction

The advantage of the LTG-100 is that there is almost no beam angle

- can use in the narrow tide well
- can obtain the precise data of sea surface height.

Feature

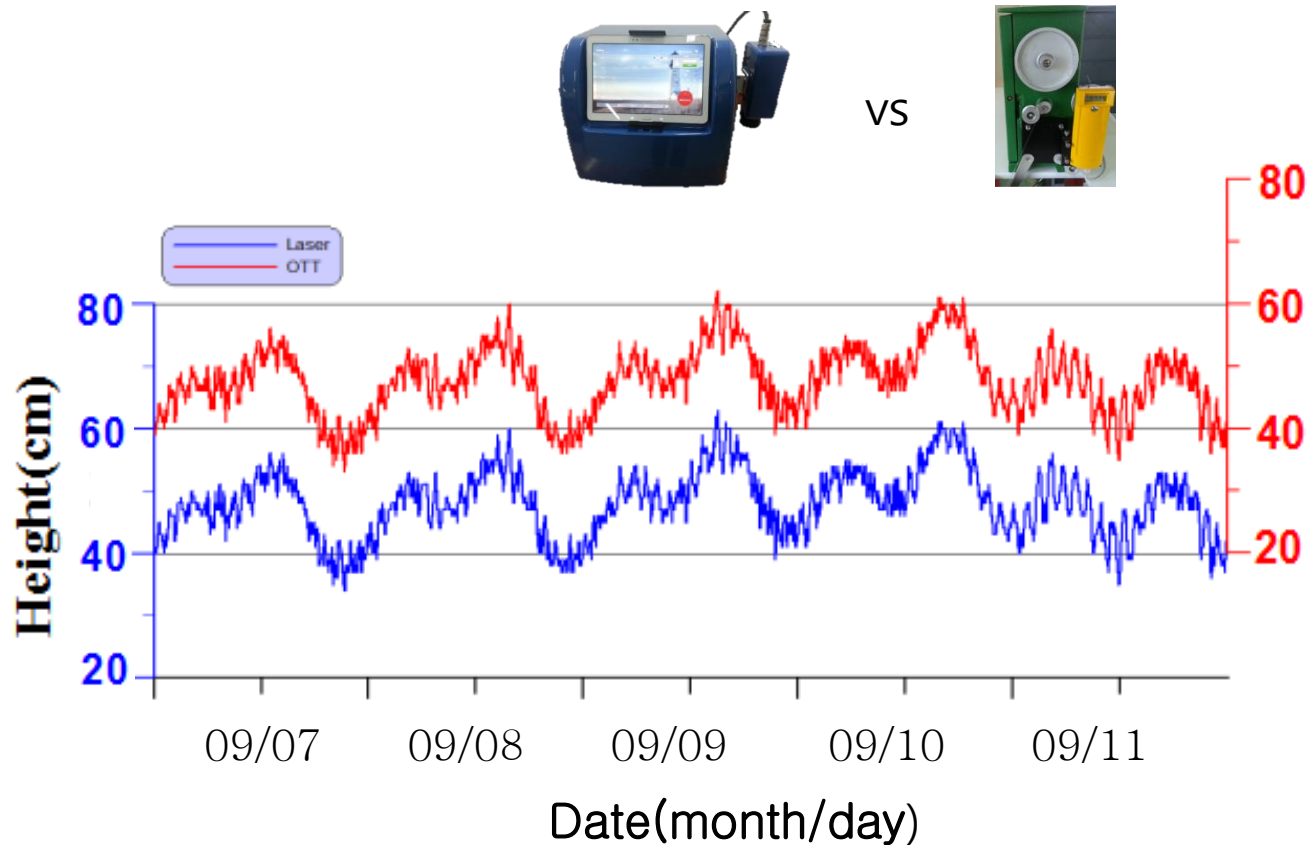
There are five Features of LTG-100

1. Portable because of the internal sensor
2. Printable vector image
3. Measurable for 48 hours without external power supply
4. Stable by non-touch method
5. Simultaneous communication(PC directly and WCDMA using Wi-Fi)

Specification

- | | |
|-----------------------------------|---------------------|
| 1. Gauge | 2. Reflecting plate |
| - Operation range : 0.2 to 30 m | - Dimension : |
| 300(R) * 10(H) mm | |
| - Accuracy : ± 5 mm | - Material : |
| FOMAX | |
| - Resolution : 1 mm | |
| - Measure time : typically 200 ms | |
| Dimension : 250(W)*230(D)*200(H) | |

Observation data



Observed to compare data of TG-100 and OTT simultaneously
Two data sets are almost same(blue shifted -20 cm)