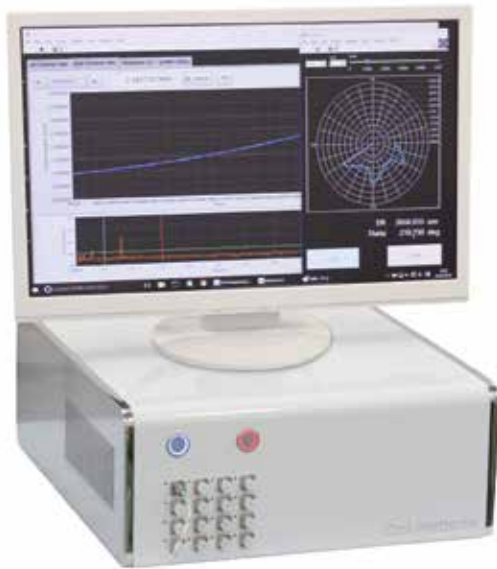


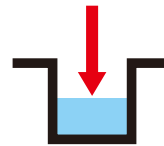
# Opt-measure

Texture, contour and hybrid.  
Unprecedented scalability offered by one machine

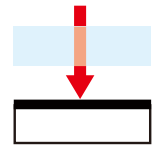


## Feature

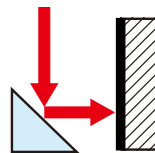
Liquid level can be measured.



Can be measured through the glass.



Can be measured with bent light path.



Measurement can be continued after blocking light path.



## Non-contact displacement sensor

Standardly equipped with 16 ch sensor. The cable between sensor and controller is able to extend at maximum length of 1,000 m.

## High precision measurement

Achieved Linearity of  $\pm 1 \mu\text{m}$  and repeatability error range less than ( $2\sigma$ ):  $0.1 \mu\text{m}$

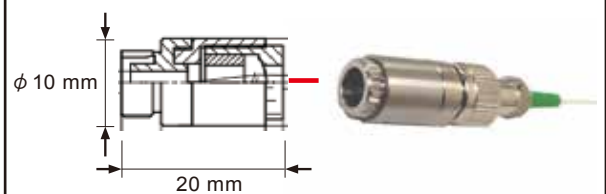
## Low temperature drift by temperature-stabilized scale system

High accuracy at factory environment of 20 - 30 degrees.  
Accuracy  $\pm 0.9 \mu\text{m}$  at  $25 \pm 5 \text{ }^\circ\text{C}$

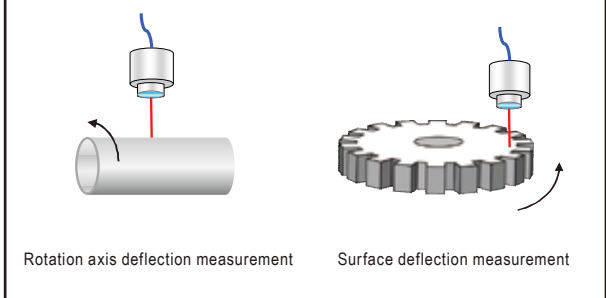
## Environmentally-resistant extremely small sensor head

Stable measurements in radiation and electromagnetic field condition.

## External View (Sensor head)



## Application example



Rotation axis deflection measurement

Surface deflection measurement