

## Related Companies



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### R&D

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#### Sakata Denki Miyazaki R&D Center Co., Ltd.

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### Construction

#### Radic Consultant Co., Ltd.

4-8-13, Ogikubo, Suginami, Tokyo  
167-0051, Japan  
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### Sakata Denki Co., Ltd.

#### Marketing Office

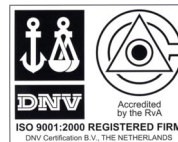
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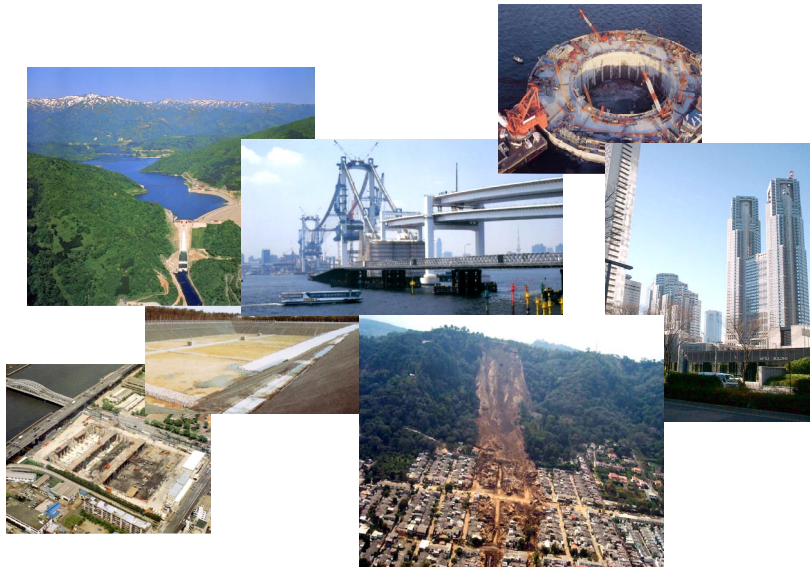
# SAKATA DENKI



<http://www.sakatadenki.co.jp/>



# Sakata Denki; a measurement system integrator in civil engineering and environmental measurement



Fumio Sakata  
President and Representative Director

SAKATA DENKI, a company specialized for measurement technology, has been gained high reputation in Civil Engineering and Environmental Engineering since its establishment in 1952. Its technology has been very effective for constructing dams, tunnels, railways, subways, buildings and waste deposit sites, also preventing landslide and debris flows. SAKATA DENKI covers design, manufacture, installation, measurement, analysis and consulting besides developing measurement technology. SAKATA DENKI started its business in inventing and developing measurement instruments for governmental institutes and universities. Last year SAKATA DENKI received Ichimura Award, one of the highest awards in technology in Japan, that shows its ability and quality in measurement instruments and technical skills. SAKATA DENKI always pursue the creativity in technology to develop measurement system in various fields.

# Products for geotechnical engineering



## Sensor

SAKATA's sensors detect changes in the ground such as earth pressure, water pressure, load, inclination, temperature, settlement, horizontal drift, strain and displacement. Sensors developed with advanced technology and long experience provide accurate data.

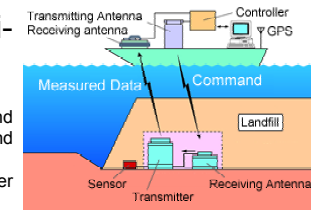


## Data Logger

SAKATA's Data Loggers can be connected to a variety of sensors and acquire data with high precision and long term stability. Also they can be used under harsh condition. We can supply remote control type, DC type, etc.

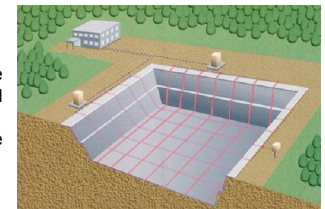
## Underground radio communication system

This system transmit measured data in cable-less and can be used effectively in underground, undersea and air, such as landfill, tunnel and dam. Many of patents are obtained in Japan and in the other 8 countries.



## Geomembrane sounding system

At several sites including waste deposit sites, there are specific sheets laid out for leakage interception of polluted water. In the case of sheet breakage, this system can detect the breakage electrically and pinpoint the leakage point. This is the first electrical system developed in Japan.



## Fields of Applications

### Construction work

- Earth retaining wall monitoring system
- Deformation monitoring system
- Dam body monitoring system
- Etc

### Natural disasters

- Landslide monitoring system
- Sedimentation disaster monitoring system
- Scarp monitoring system
- Etc

### Safety management

- Deformation monitoring system
- Slope monitoring system
- Etc

### Environmental measurement

- Geomembrane sounding system
- Monitoring system of environment surrounding construction area
- Etc