

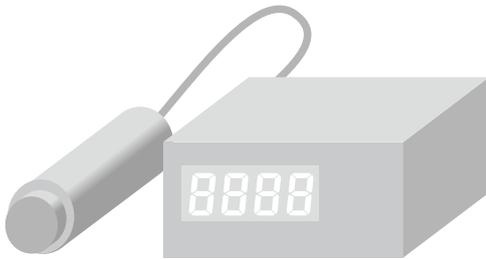
## Environmental Measurements in Conjunction with Gas Analyzers

Record trend data such as gas concentrations and flow rates and later analyze with a PC.

Record analog outputs of NO<sub>x</sub> and other gas analyzers.

### ■ Highlights

- HIOKI provides an assortment of loggers for recording a various of signals including analog outputs. (0 to 5 V, 0 to 10V, 1 to 5 V, 4 to 20 mA, etc.)
- Record data for approximately 10 days at 15 second recording intervals or for approximately 40 days at one minute recording intervals.
- The recording interval can be selected from 15 interval options ranging from a minimum of 1 second to a maximum of 1 hour.
- Display graphs and convert units using the supplied software for the LR5091 Communication Adapter and LR5092-20 Data Collector.



Commercially available gas concentration analyzer



Gas flowmeter



4-20mA



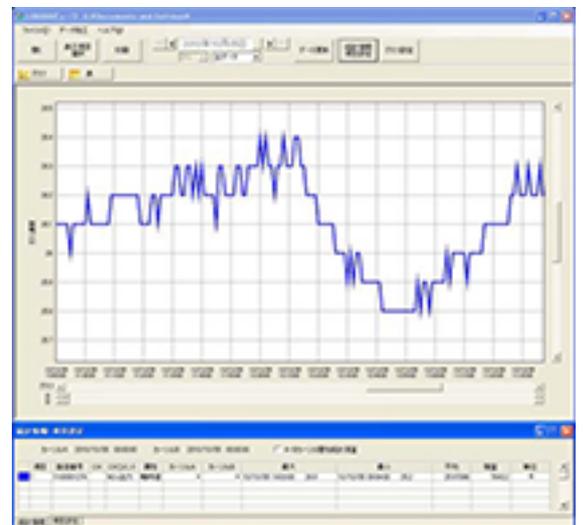
INSTRUMENTATION LOGGER  
LR5031



1-5V, 0-10V, etc



VOLTAGE LOGGER  
LR5041, LR5042, LR5043



### Products used

INSTRUMENTATION LOGGER LR5031(±30mA)

VOLTAGE LOGGER LR5041(±50mV DC)

VOLTAGE LOGGER LR5042(±5V DC)

VOLTAGE LOGGER LR5043(±50V DC)

COMMUNICATION ADAPTER LR5091

DATA COLLECTOR LR5092-20

- All information correct as of September 2011.
- Contents are subject to change without notice.