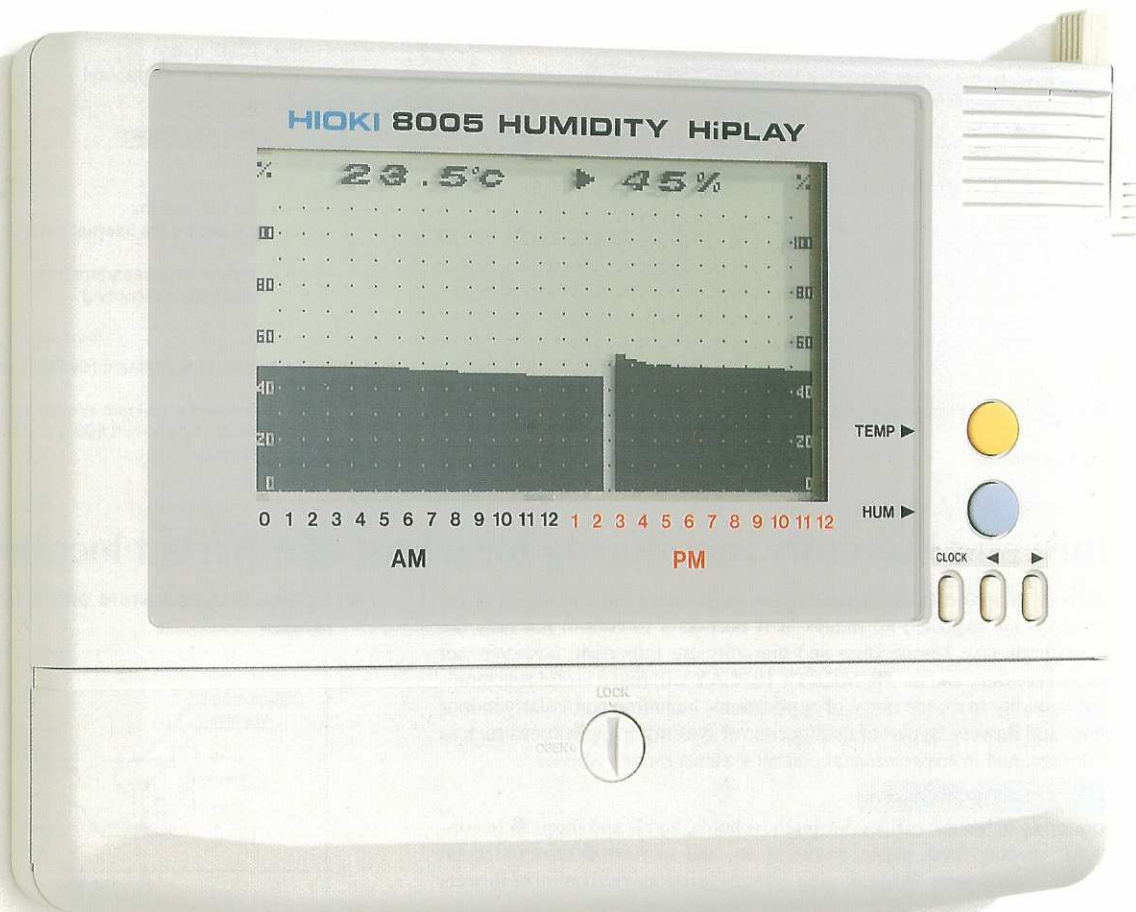




New type of temperature and humidity recorder with 24-hour temperature and humidity variations in graph form



The HUMIDITY HiPLAY has a wide range of applications, from environmental monitoring in homes and offices, to quality control in manufacturing and food preparation facilities.

Graphical display of temperature and humidity variations over 24 hours and numerical display of current readings

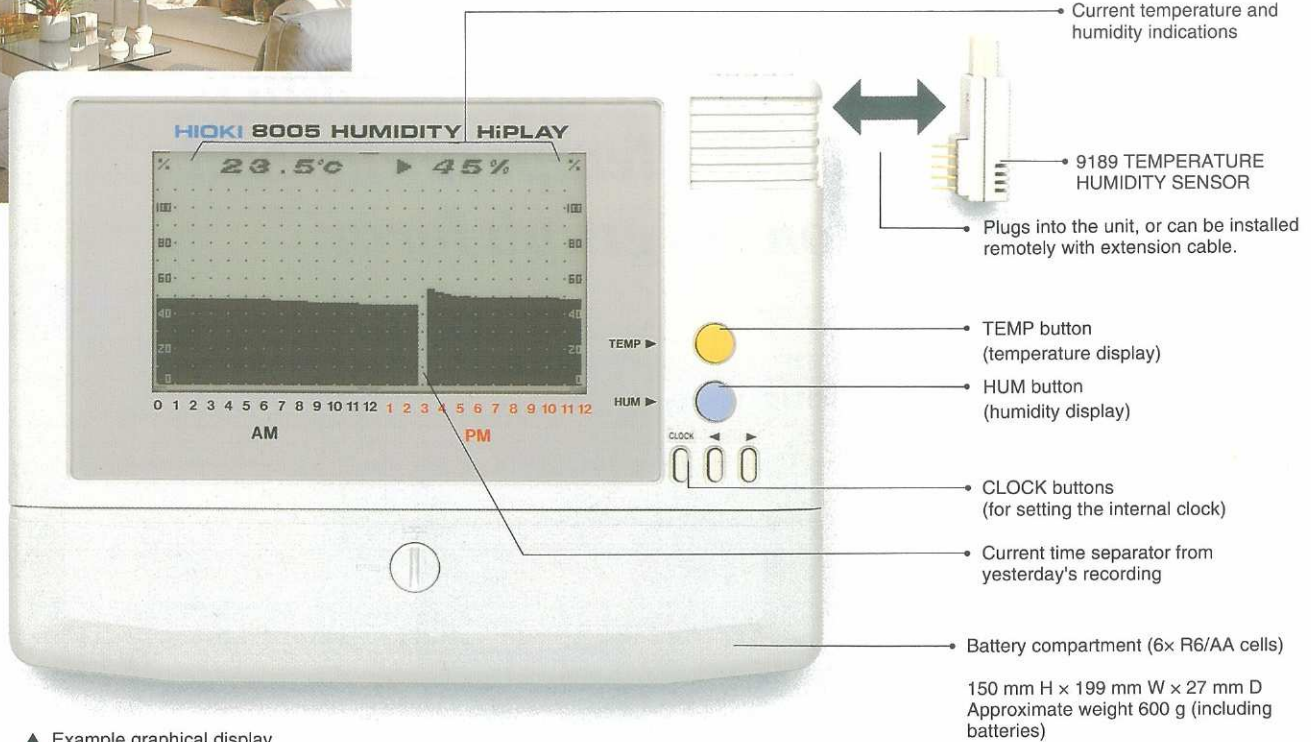
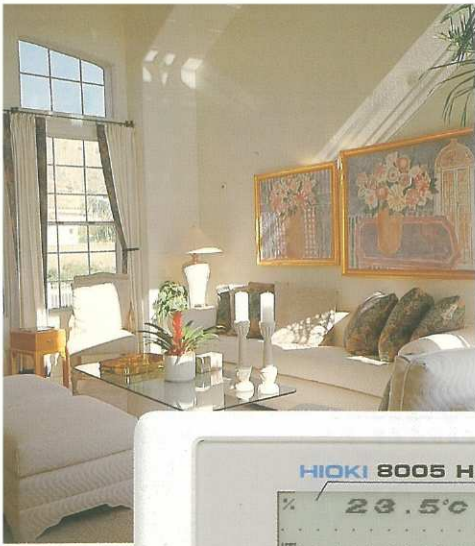
- High-accuracy, maintenance-free integral temperature and humidity sensor
- Optional extension cables for remote monitoring of temperature and humidity
- Display auto-off function
- Convenient battery operation (6× R6/AA cells)

8005 HUMIDITY HiPLAY

Constantly changing temperature and humidity. Conventional environmental monitoring devices cannot provide an indication of changes in humidity over time, or of the relation between them, without making a printed recording.

The HUMIDITY HiPLAY reports not only the current temperature and humidity, but also a record of the fluctuations over the last 24 hours, at 6-minute steps. Thus the changes over a whole day are clear at a glance. The combined sensor for temperature and humidity, moreover, is accurate and maintenance-free.

The sensor can be positioned on the unit, or an optional extension cable allows monitoring of a remote location.



▲ Example graphical display

Temperature and humidity monitoring for a host of different locations

The principal parameters of a comfortable environment are temperature and humidity. For the standards of comfort which are expected nowadays, it is necessary to control not only the temperature but also the humidity. Temperature and humidity are important, however, not only for human health and comfort, and the HUMIDITY HiPLAY will find a useful role monitoring temperature and humidity in a wide range of applications, including particularly indoor cultivation of vegetables and flowers, as part of quality control systems in applications such as food processing and storage, and in environmental control systems for art galleries.

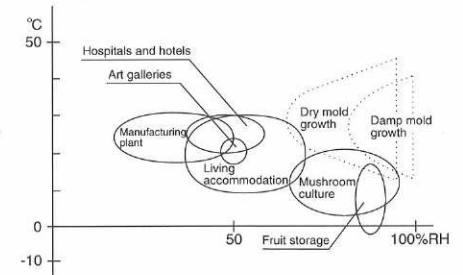
Example HUMIDITY HiPLAY applications

- Environmental monitoring in homes, offices, hospitals, schools, hotels and shops
- In controlled environments for keeping food, paper, works of art, and so forth
- Environmental monitoring in factories and clean rooms
- Monitoring systems in indoor cultivation of flowers and vegetables

Specification

- Measurement ranges: temperature -20 to 40 °C, humidity 10% to 90% (from 5 to 45 °C)
- Operating environment: temperature 0 to 40 °C, humidity not more than 80%RH (no condensation)
- Display of temperature and humidity for last 24 hours at 6 minutes resolution
- Bar graph display; temperature to 0.5 °C resolution, humidity to 1% resolution
- Display auto-off function: turns off after 10 seconds
- Numerical display of current temperature and humidity
- Accuracy: reading ± 1 °C, $\pm 5\%$ (at 25 °C)
- Temperature: platinum thin film temperature sensor; humidity: polymer sensor
- Batteries: 6x R6/AA cells
- Supplied accessories: 9189 TEMPERATURE HUMIDITY SENSOR, 6x LR6/AA alkaline cells, fixings (wood screws, double-sided adhesive tape, Stand)

■ Optimum temperature and humidity ranges



8005 HUMIDITY HiPLAY

※ 9189 TEMPERATURE HUMIDITY SENSOR supplied with main unit

● Option

- 9258 EXTENSION CABLE (5m)
- 9259 EXTENSION CABLE (10m)

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