Data loggers

Data loggers are measuring devices that allow you to record data over a specific period of time (for example temperature, voltage, ...). A data logger consists of a programmable processor, memory, interfaces and one or various input channels which are connected to different sensors. These data loggers are available in various designs, including some waterproof ones. In most cases, software versions are available which are compatible with Windows. You will also find measuring devices or hand-held meters with integrated data loggers. Our technicians and engineers will advise you regarding our data loggers and all our other products.

### TECHNICAL SPECIFICATIONS

**Model**
- PCE-OWL 6
- PCE-OWL 60

**Measuring range**
- -30 ... +70 °C
- -40 ... +40 °C

**Accuracy**
- PCE-OWL 6: ±0.5 °C (at -20 ... +40 °C)
- PCE-OWL 60: ±0.5 °C (at -20 ... +40 °C), ±1.2 °C (rest of range)

**Alarm**
- PCE-OWL 6: -2 ... +4 °C
- PCE-OWL 60: +2 ... +8 °C

**Interface**
- USB 2.0 interface

**Display**
- 2 LED indicators (blue / red)

**Memory**
- 14400 measured values

**Dimensions / weight**
- 80 x 48 x 5.8 mm / 11.5 g

**INCLUDES**
- Data logger, protective cover, instruction manual

**ITEM NO.**
- K-PCE-OWL 6
- K-PCE-OWL 60

---

**PCE-TD 60**

**USB Temperature Data Logger**

- Internal sensor / works with lithium battery
- Integrated display for up-to-date values
- Internal memory of up to 32000 values
- Sampling rates of 1 s ... 6 hrs selectable
- Time-specific data logging programmable
- Programmable optical alarm

**TECHNICAL SPECIFICATIONS**

- Measuring range: -40°C ... +85 °C
- Accuracy: ±0.6 °C (-20 ... +50 °C), ±1.2 °C (rest of range)
- Sampling rate: 1 s ... 6 h
- Memory: 32000 sets of data
- Display: LCD 3 digits
- LED:
  - flashing: green-red:
  - red:
- Power supply: lithium battery 3.6 V, 1/2 AA
- Operating conditions: 0 ... +50 °C, <80 % RH
- Dimensions: 135 x 28 mm, with cap

**INCLUDES**
- USB temperature logger, battery, box, strap, manual

**ITEM NO.**
- K-PCE-TD 60

---

**PicoLite**

**Disposable Data Logger**

- High-precision internal temperature sensor
- Direct USB interface for PC connection
- Can be used with free DataSuite software for data analysis and alarm
- Service life of 6 months at sampling rate 1 minute
- Water- and dustproof according to IP67

**TECHNICAL SPECIFICATIONS**

- Meas. range: -40 ... +40 °C
- Accuracy: 0.5 °C
- Memory: 16000 values
- Sampling rate: adjustable from 1 minute .. 18 hrs
- Activation via software
- Display LED to display sampling and alarm
- Interface USB 2.0
- Power supply: Battery CR2032
- Battery life: up to 6 months
- Protection class: CE, EN12830, IP67
- Dimensions: 74 mm x 30 mm x 13 mm
- Weight: 15 g

**INCLUDES**
- Data logger, instruction manual

**ITEM NO.**
- K-PICOLITE

---

**Data loggers**

Data loggers are measuring devices that allow you to record data over a specific period of time (for example temperature, voltage, ...). A data logger consists of a programmable processor, memory, interfaces and one or various input channels which are connected to different sensors. These data loggers are available in various designs, including some waterproof ones. In most cases, software versions are available which are compatible with Windows. You will also find measuring devices or hand-held meters with integrated data loggers. Our technicians and engineers will advise you regarding our data loggers and all our other products.

Data loggers are measuring devices that allow you to record data over a specific period of time (for example temperature, voltage, ...). A data logger consists of a programmable processor, memory, interfaces and one or various input channels which are connected to different sensors. These data loggers are available in various designs, including some waterproof ones. In most cases, software versions are available which are compatible with Windows. You will also find measuring devices or hand-held meters with integrated data loggers. Our technicians and engineers will advise you regarding our data loggers and all our other products.
**DATA LOGGER**

- K-PCE-HT 71N data logger
  - **Includes**:
    - Dimensions: 102 x 30 mm, Weight: 25 g
    - Operating conditions: -40 ... +70 °C, 0 ... 100 % RH
    - Power supply: 3.6 V lithium battery
    - Dew point temp. calculated (accuracy ±2 °C)
    - Display: 2 LEDs (logging / alarm)
    - Sampling rate adjustable, 2 s, 5 s, 10 s ... 24 h
    - Memory: max. 32000 m. val. (16000 each)
    - Sensors: internal (humidity and temperature)
    - Accuracy: ±3 % RH / ±1 °C
    - Resolution: 0.1 % RH / 0.1 °C
    - Meas. range: 0 ... 100 % RH / -40… +70 °C

- K-PCE-SDL 1 USB sonometer
  - **Includes**:
    - Weight: 20 g
    - Dimensions: 130 x 25 x 30 mm
    - Operating conditions: 0 ... +40 °C, 10 ... 75 % R.H.
    - Power supply: 3.6 V lithium battery type 1/2 AA
    - Interface: USB
    - Requirements: Windows 2000 / XP / Vista / 7
    - Sampling rate: 1 s ... 24 h
    - Evaluation: A, C, FAST, SLOW, PEAK, NORM
    - Memory: 129,920 memory points
    - Frequency: 31.5 Hz ... 8 kHz
    - Time eval.: FAST / SLOW
    - Meas. range: 30 ... 130 dB
    - Drift (per year): <0.1 °C, <1 %
    - Accuracy: ±0.21 °C, ±2.5 %
    - Resolution: 0.024 °C, 0.05 % RH
    - Meas. range: -20 .. +70 °C, 0 .. 95 % RH

- K-PCE-CLL 1 USB Standard Signal Logger
  - **Includes**:
    - Dimensions: 130 x 337 x 23 mm
    - Weight: approx. 69 g
    - Oper. cond. -23 ... 80 °C / 0 ... 100 % RH
    - Power supply: 3.6V lithium batt., charging via USB
    - Interface: USB
    - Status indication: LED red/green (mem.) yellow (bat.)
    - Start / stop: adjustable, or when memory full
    - Memory / s. rate: 64 kB / 1 s ... 12 h
    - Resolution: 0.05 mA

- UX100 Series USB Data Logger with Large Display
  - **Includes**:
    - Dimensions: 200 x 45 x 30 mm
    - Weight: approx. 230 g
    - Oper. cond. 0 ... +50 °C, 0 ... 90 % RH
    - Power supply: 9 V network adaptor (optional)
    - Functions: START, STOP, adjustable date
    - ±1 °C or ±1 % RH occurs
    - Sampling rate: 5 s, 30 s, 1 min, 2 min, 5 min, 10 min
    - Accuracy: ±0.8 °C, ±4 % RH
    - Resolution: 0.1 °C / 0.1 % RH

- K-PCE-HT110 2-Channel Temp. and RH Logger
  - **Includes**:
    - Dimensions: 230 x 70 x 25 mm
    - Weight: approx. 230 g
    - Oper. cond. 0 ... +50 °C, 0 ... 90 % RH
    - Power supply: 9 V network adaptor (optional)
    - Functions: START, STOP, adjustable date
    - ±1 °C or ±1 % RH occurs
    - Sampling rate: 5 s, 30 s, 1 min, 2 min, 5 min, 10 min
    - Accuracy: ±0.8 °C, ±4 % RH
    - Resolution: 0.1 °C / 0.1 % RH

- K-PCE-THB 40 3 Channels / Temp., RH, B. Pressure
  - **Includes**:
    - Dimensions: 230 x 70 x 25 mm
    - Weight: approx. 230 g
    - Oper. cond. 0 ... +50 °C, 0 ... 90 % RH
    - Power supply: 9 V network adaptor (optional)
    - Functions: START, STOP, adjustable date
    - ±1 °C or ±1 % RH occurs
    - Sampling rate: 5 s, 30 s, 1 min, 2 min, 5 min, 10 min
    - Accuracy: ±0.8 °C, ±4 % RH
    - Resolution: 0.1 °C / 0.1 % RH
    - All other characteristics are the same as PCE-HT 110

---

**OPTIONAL ACCESSORIES**

- K-PCESDL-1 USB sonometer
- K-PCE-CLL-1 USB Standard Signal Logger
- K-PCE-HT110 2-Channel Temp. and RH Logger
- K-PCE-THB 40 3 Channels / Temp., RH, B. Pressure

---

**DATA LOGGER**

- K-PCE-HT 71N data logger
- K-PCE-SDL 1 USB sonometer
- K-PCE-CLL 1 USB Standard Signal Logger
- UX100 Series USB Data Logger with Large Display
- K-PCE-HT110 2-Channel Temp. and RH Logger
- K-PCE-THB 40 3 Channels / Temp., RH, B. Pressure
### Technical Specifications

**Seawater-Resistant Data Logger (up to 120 m)**

- **Measurements**: range -40 °C to +125 °C
- **Resolution**: 0.01 °C
- **Accuracy**: ±0.2 °C at 0 °C to +50 °C
- **Sampling rate**: adjustable, 2 s to 12 h
- **Memory**: 32,767 values
- **Software**: optional, for programming
- **Temperature**: ±1 °C, ±0.5 °C, ±2 °C
- **Resolution**: 0.01 °C, 0.02 °C

**Stainless Steel Temperature Logger**

- **Measurements**: range -40 °C to +125 °C
- **Sampling rate**: 1/s...every 12 h
- **Sensitivity**: ±0.15 g (+25 °C)
- **Resolution**: 0.01 g

**Temperature/Humidity/Pressure Logger**

- **Measurements**: range 0 to 1,000 mbar
- **Sampling rate**: 1/s...every 12 h
- **Accuracy**: ±2.5 mbar (at 750 ... 1,100 mbar abs., ±25 °C)
- **Resolution**: 0.01 mbar

**3-Axis Accelerometer**

- **Measurements**: range ±15 g (position)
- **Sampling rate**: 1/s...every 12 h
- **Accuracy**: ±0.5 g (position)
- **Resolution**: 0.01 g (position)

**Pressure Sensor**

- **Measurements**: range ±100 mbar
- **Sampling rate**: 50/s...every 12 h
- **Accuracy**: ±0.15 g (position)
- **Resolution**: 0.01 g (position)

**Light Sensor**

- **Measurements**: range 0 ... 65,000 lx
- **Sensitivity**: ±500 nm
- **Resolution**: 1,000 lx

**Rel. Humidity Sensor**

- **Measurements**: range 0 ... 95 % RH
- **Sensitivity**: ±4 % RH (85 ... 95 %, 0 ... +40 °C)
- **Resolution**: 0.1 % RH

**Analog Inputs**

- **Input Channels**: 2 or 4 inputs, 0 ... 3.0 V, 12 Bit
- **Resolution**: further input configurable, online shop

### Optional Accessories

- **Software**: PCE-SOFT-M for data evaluation
- **USB cables**: available in online shop
- **Li-Ion rechargeable battery**: 260 mAh or 800 mAh

### General Data

- **Memory**: 2,000,000 readings, with optional SD card, extendable to 1 billion readings
- **Interface**: USB
- **Software**: setup reader/viewer, online shop
- **LEDs**: blue: data recording, red: alarm, yellow: battery charging level indication
- **Protection class**: standard IP 67 / waterproof IP 67
- **Power supply**: lithium polymer rechargeable battery 260 mAh or 800 mAh
- **Dimensions**: width: 52 ... 72 mm; height: 14 ... 23 mm; depth: 18 ... 39 mm (dep. on model)
- **Weight**: approx. 18 ... 54 g (dep. on model)

### Includes

- **Data logger**, software, USB cable, manual
- **Software**: PCE-SOFT-M for data evaluation
- **USB cables**: available in online shop
- **Li-Ion rechargeable battery**: 260 mAh or 800 mAh

**Different models can be configured in our online shop www.pce-instruments.com/en**

**Optional Accessories**

- K64702 charging station for up to 7 loggers

---

**Seawater-Resistant Data Logger (up to 11010 m)**

- **Measurements**: range -40 °C to +125 °C
- **Sampling rate**: adjustable, 2 s to 12 h
- **Memory**: 32,767 values
- **Software**: optional, for programming
- **Temperature**: ±1 °C, ±0.5 °C, ±2 °C
- **Resolution**: 0.01 °C, 0.02 °C

**Stainless Steel Temperature Logger**

- **Measurements**: range -40 °C to +125 °C
- **Sampling rate**: 1/s...every 12 h
- **Sensitivity**: ±0.15 g (+25 °C)
- **Resolution**: 0.01 g

**Pressure Sensor**

- **Measurements**: range ±100 mbar
- **Sampling rate**: 50/s...every 12 h
- **Accuracy**: ±0.15 g (position)
- **Resolution**: 0.01 g (position)

**Light Sensor**

- **Measurements**: range 0 ... 65,000 lx
- **Sensitivity**: ±500 nm
- **Resolution**: 1,000 lx

**Rel. Humidity Sensor**

- **Measurements**: range 0 ... 95 % RH
- **Sensitivity**: ±4 % RH (85 ... 95 %, 0 ... +40 °C)
- **Resolution**: 0.1 % RH

**Analog Inputs**

- **Input Channels**: 2 or 4 inputs, 0 ... 3.0 V, 12 Bit
- **Resolution**: further input configurable, online shop

### Optional Accessories

- **Software**: PCE-SOFT-M for data evaluation
- **USB cables**: available in online shop
- **Li-Ion rechargeable battery**: 260 mAh or 800 mAh

### General Data

- **Memory**: 2,000,000 readings, with optional SD card, extendable to 1 billion readings
- **Interface**: USB
- **Software**: setup reader/viewer, online shop
- **LEDs**: blue: data recording, red: alarm, yellow: battery charging level indication
- **Protection class**: standard IP 67 / waterproof IP 67
- **Power supply**: lithium polymer rechargeable battery 260 mAh or 800 mAh
- **Dimensions**: width: 52 ... 72 mm; height: 14 ... 23 mm; depth: 18 ... 39 mm (dep. on model)
- **Weight**: approx. 18 ... 54 g (dep. on model)

### Includes

- **Data logger**, software, USB cable, manual
- **Software**: PCE-SOFT-M for data evaluation
- **USB cables**: available in online shop
- **Li-Ion rechargeable battery**: 260 mAh or 800 mAh

**Different models can be configured in our online shop www.pce-instruments.com/en**

**Optional Accessories**

- K64702 charging station for up to 7 loggers
**TECHNICAL SPECIFICATIONS**

**Wireless Data Logger ZW-001-EU**
- **temperature**
  - **Range**: -20 °C to +70 °C
  - **Accuracy**: ±0.3 °C
- **Sample rate**: adjustable from 1/min to 1/6 h
- **Memory**: max. 32767 values per channel
- **Power supply**: 3.6 V lithium battery
- **Operating cond.**: -40 ... +80 °C
- **Weight**: 910 g
- **Dimensions**: 152 x 102 x 76 mm

**Data Logger ZW-003-EU**
- **temperature**
  - **Range**: -20 °C to +50 °C
  - **Accuracy**: ±0.5 °C
- **Sample rate**: 5 s ... 30 min
- **Memory**: 32767 values
- **Accuracy**: ±1 °C
- **Weight**: 25 g
- **Dimensions**: Ø 26 x 115 (+172) mm

**K-PCE-T 300**
- **Logger with Penetration Sensor**
  - **temperature**
    - **Range**: -40 ... +60 °C
  - **Accuracy**: ±0.5 °C
  - **Power supply**: internal 3.6 V battery
  - **Operating cond.**: -40 ... +60 °C
  - **Weight**: 425 g
  - **Dimensions**: Ø 26 x 115 (+172) mm

**K-PCE-SOFT-T 200**
- **Software**
  - **dep. on sensor**: -30 ... +60 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: adjustable (5 s ... 30 min)
  - **Memory**: 64 megabytes
  - **Dimensions / weight**: Ø 26 x 115 (+172) mm / 100 g

**PCE-TBOX1**
- **Data Logger in Insulated Box**
  - **temperature**
    - **Range**: -100 ... +260 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 10 000 samples
  - **Software**: for programming and readout
  - **Power supply**: 3.6 V battery
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 40 g

**PCE-TBOX2**
- **Data Logger with Penetration Sensor**
  - **temperature**
    - **Range**: -40 ... +60 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**PCE-WCT**
- **Temp. Data Logger (HACCP)**
  - **temperature**
    - **Range**: -100 ... +260 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 10 000 samples
  - **Software**: for programming and readout
  - **Power supply**: 3.6 V battery
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 40 g

**PCE-LTL 1**
- **HACCP / Waterpr. Low-Temp. Logger**
  - **temperature**
    - **Operating temp.**: -45 ... +55 °C
  - **Resolution**: ±0.1 °C
  - **Accuracy**: ±0.1 °C
  - **Sampling rate**: 5 s ... 30 min
  - **Start, stop, date**: individually programmable
  - **Power supply**: 3.6 V battery
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 10 g

**PCE-WTEMP 2**
- **Data Logger with Penetration Sensor**
  - **temperature**
    - **Range**: -100 ... +260 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**PCE-TBTX1**
- **Temp. Data Logger in Insulated Box**
  - **temperature**
    - **Range**: -100 ... +260 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 10 000 samples
  - **Software**: for programming and readout
  - **Power supply**: 3.6 V battery
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 40 g

**PCE-TBTX2**
- **Temp. Data Logger with Penetration Sensor**
  - **temperature**
    - **Range**: -40 ... +60 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**K-PCE-T 300**
- **Software**
  - **dep. on sensor**: -30 ... +60 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**Optional Accessories**
- **K-PCE-TBOXX 200**
  - **Software / USB cable**
  - **dep. on sensor**: -30 ... +60 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**PCE-WTEMP 2**
- **Data Logger with Penetration Sensor**
  - **temperature**
    - **Range**: -100 ... +260 °C
  - **Resolution**: 0.1 °C
  - **Accuracy**: ±0.5 °C
  - **Sampling rate**: 2 s ... 12 h
  - **Memory**: 32767 values
  - **Software**: optional, for programming and readout
  - **Computer requirements**: internal 3.6 V battery
  - **Start, stop, date**: individually programmable
  - **Sampling rate**: 5 s ... 30 min
  - **Dimensions**: Ø 26 x 115 (+172) mm
  - **Weight**: 570 g

**Include the software separately**
**PT-DPM**

**Dew Point Meter for Identifying Critical Climatological Conditions in Surface Coatings**

- Two models: Large display (not 190 °C) or interchangeable probe head.
- 6 measurement parameters: Thermal / Electrical / Automatic Log mode / Various display languages
- Norms: ISO 8502-4 / BS 7709-84 / ASTM D3276-05 / ASTM 008-32 / IMO PSPC / SSPC PA7

**Teach Specfications**

- LC display
- Memory capacity 2500 groups
- Battery life of rechargeable battery up to 8 months
- Auto-Log mode for 1000 groups
- User-defineable limit values for all parameters, with automatic and visual alarms
- WiFi technology for synchronisation with PosiTector.net, with acoustic and visual alarms
- Trend charts, measurement values in real time
- Battery life of rechargeable battery up to 8 months
- Memory capacity 2500 groups
- LC display
- Monochrome / Colour
- 3 measurement parameters: Temperature, Relative Humidity, Dew Point
- 6 measurement parameters: Temperature, Relative Humidity, Dew Point, Contact Temp., Relative Humidity, Dew Point
- 16 bit resolution
- USB interface
- Large LC display
- Internal memory for 1.9 million readings
- 4 channels for connecting to various external sensors
- Internal memory for 1.9 million readings
- Large LC display
- USB interface
- 16 bit resolution
- 1 year battery life

**Includes**

- Dew point meter, probe head (int. surface) USB cable, probe protection cap, protective holder, batteries, case, NIST calibration certificate (ISO equivalent), instruction manual
- Dew point meter, probe head (int. surface) USB cable, probe protection cap, protective holder, batteries, case, NIST calibration certificate (ISO equivalent), instruction manual

**Optional accessories**

- K-PRB-DPM-B replacement probe head

---

**TA-140**

**Wireless Logger for Temperature and Humidity**

- Displays current value and Max-Min-Avg
- Radio-controlled clock (150 °C / 25 °C / 50 °C / 100 °C)
- Temperature, Relative Humidity, Dew Point, Contact Temp., Relative Humidity, Dew Point
- Battery life of rechargeable battery 50 hours up to 8 months
- Memory capacity 2500 groups
- Battery life of rechargeable battery up to 8 months
- Memory capacity 2500 groups
- LC display
- Monochrome / Colour
- Battery life of rechargeable battery up to 8 months
- Memory capacity 2500 groups
- LC display
- Monochrome / Colour
- Battery life of rechargeable battery up to 8 months
- Memory capacity 2500 groups
- LC display
- Monochrome / Colour

**Technical specifications**

- Meas. range / Resol. / Accuracy
  - Temperature: -20 °C to +190 °C / ±0.5 °C / 0.1 °C
  - Relative humidity: 0...100 % / ±3 % / 0.1 %
  - Power supply: 2 x 1.5 V AAA Batteries
  - Dimensions / Weight: 178 x 64 x 31 mm / 185 g without batteries

**Includes**

- Digital wireless data logger, 3 batteries, USB dongle, software, instruction manual

**Optional accessories**

- K-UX120-006M 4-channel data logger
- K-PRB-DPM-B replacement probe head

---

**UX120-006M**

**4-Channel Data Logger with Large LC Display**

- 4 channels for connecting to various external sensors
- Internal memory for 1.9 million readings
- Large LC display
- USB interface
- 16 bit resolution
- 1 year battery life

**Technical specifications**

- Meas. range / Resol. / Accuracy
  - Temperature: 4 ... 40 °C / ±0.5 °C / 0.1 °C
  - Relative humidity: 0...100 % / ±3 % / 0.1 %
  - Power supply: 3 x 1.5 V AA Batteries
  - Dimensions / Weight: 137 x 98 x 26 mm / 108 g

**Includes**

- 4-channel data logger, batteries, instruction manual

**Optional accessories**

- K-HOBOware Pro software (Windows/Mac)
- K-UX120-006M 4-channel data logger
## CDL 210

**C0 & Climate Data Logger**

- measures and displays temperature and air humidity
- acoustic signal when pre-set CO2 value is exceeded
- simultaneous indication of CO2, temp. and humidity
- memory: 5300 series of measurements
- USB interface
- wide measurement range of CO2 up to 2000 ppm

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ITEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>software, instruction manual</td>
<td></td>
</tr>
</tbody>
</table>