

## BK PRECISION

### Environmental Testers

Three-in-one instruments with both graphing and datalogging for either temperature or voltage/current measurements. Text and Graphical Printout - when the meter is set for Text Printout mode, the output will include the start time, end time, interval and recording data. The format makes it easy to track variations and actual recording time. When in Graphical Printout mode, the start time, end time and recording speed is listed first. In the graph, the time scale is labeled and the printing scale is programmable. Programmable units, hi-low alarms and date/time stamps. Dual five digit "big font" LCD (T1 and T2 or Readout and Real-time Clock). Easy access menu buttons and text area in the LCD provide simple hierarchical menu operation. Two separate button groups for meter and printer control. Photo coupler-isolated RS-232 output port for PC data flow with Windows® based software, included. One year warranty.

#### 740 Graphical datalogging temperature meter

Dual inputs for either K or J-type thermocouple probes. Accessories include two K-type temperature probes, Windows® software with RS-232 cable, AC adapter, two rolls thermal paper, manual, batteries and carrying case.



#### 741 Graphical datalogger voltage/current meter

Works with sensors such as temperature, humidity, sound, light and vibration. Accessories include standard 4mm safety leads for voltage and current input, Windows® software with RS-232 cable, AC adapter, two rolls thermal paper, manual, batteries and carrying case.

### Pocket Datalogger

#### 750 Datalogger internal temperature

#### 751 Datalogger internal and external temperature

#### 752 Datalogger internal and external temperature + voltage



Versatile pocket dataloggers offer temperature or temperature/voltage measurements. Units are programmable, up to eight at a time, via an infrared PC interface. Once programmed using the easy Windows® based software, unit can be placed where needed to begin recording. A green LED confirms operation and two red LEDs flag alarms. Up to 21,333 measurements can be recorded with 12 bit resolution for excellent accuracy. A lithium battery provides up to 3 years of life. Compact polycarbonate case protect the dataloggers from most hostile environments. One year warranty.

### Compact Digital Lightmeter

615

Portable easy to use 3<sup>1/2</sup> digit, compact-sized digital lightmeter designed for simple one hand operation. It provides measurement in lux and fc units. The meter has a backlit LCD display, peak hold (50mS pulse light), data hold and display hold features. One year warranty.



## BK PRECISION

### Humidity Temperature Meters

#### 725 Datalogging humidity/temperature meter with dual input. Real time clock

#### 720 Humidity/temperature meter with dual input. $\Delta$ Relative function.



State-of-the art dual function meters with two environmental sensors housed in a remote wand. The sensors can be placed right where they are needed. Both meters feature triple LCD displays, RH and temperature readings simultaneously, and a second K-type thermocouple port. Model 725 has datalogging feature and records up to 16,300 data points. With an adjustable interval setting, you can record from 4 hours to 678 days worth of data. Both units feature RS-232 output ports (software optional on Model 720). Either download data for analysis or control the meter in real-time from your PC. Tripod mounting lug. Auto power off. Min/Max function. Model 725 includes datalogging meter, instruction manual, battery, carry case, PC software, RS-232 cable and K-type bead probe. Model 720 includes meter, instruction manual, battery, padded pouch and K-type bead probe. One year warranty.

### Dual Input Digital Thermometers

Two fully functional, highly accurate meters offer dual K-type thermocouple inputs, RS-232 output port and large LCD displays. Both units offer max/min, data hold, °C/°F readings and auto power off. Includes instruction manual, battery, 2 bead probes and carrying case. One year warranty.

#### 710 Temperature meter

Dual display where T1 and T2 can be switched between the large and small digits. While T1-T2 is displayed on the large digits, T1 and T2 alternate on the small digits. RS-232 port.  $\Delta$  Relative function. Avg/min/max readings. AC adapter port. Becomes a real-time datalogging meter when attached to a PC.



#### 715 Datalogging temperature meter

Provides a triple LCD display that shows T1, T2 and T1-T2 simultaneously. The unit can log up to 16,000 datapoints with an adjustable interval. Datalogging RS-232 port with cable and software. Time reading. AC adapter port.

### Temperature Adapter

TP-30B

Self-powered adapter turns your multimeter into a thermometer. Measurement range is -58°F - 1832°F (-50°C - 1000°C). Input impedance of the meter must be at least 12k $\Omega$ , and the range must cover 0 to 1VDC (analog or digital). Uses K-type thermocouple. A general purpose temperature probe is included. °F/°C selectable. Measures temperature of any surface, liquid or gas. Open probe warning. 1mV per degree.



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### Digital Thermometers

#### 911 K-Type thermocouple

Small, hand-held digital instrument that measures temperature using K-type thermocouples. Ideal for industrial and service applications, it displays temperatures from 58°F to 2372°F (-50°C to 1300°C). For quick field calibration, simply dip the thermocouples in stabilized icewater and enter 32°F (0°C). "HOLD" button to lock a reading. Max mode. °F/°C display. External calibration pots. Includes bead style K-type thermocouples and holster. One year warranty.



#### 922 Deluxe dual input

Unit provides dual input capability and thirteen calibration ranges to accommodate thirteen different thermocouple types. Ideal for troubleshooting thermal problems in air conditioning, electronic and automotive system, as well as for many other industrial and service applications. Capable of temperature comparisons and measurements using a wide variety of either thermocouple RTD probes. Data logging. Audible warning for preset high/low temperature limits. RS-232 interface. Includes instruction manual, 9V battery, thermocouples and holster. One year warranty.



### Compact Digital Thermometers

#### 630 K-type thermocouple

Portable 3<sup>1/2</sup> digit, compact-sized dual input digital thermometer designed to use external K-type thermocouples as temperature sensors. Able to display the temperature difference between its two inputs. Backlight. Display and max hold. One year warranty.



#### 635 Infrared thermometer

Portable, easy to use, 3 digit compact-sized infrared digital thermometer with laser pointer. Designed for simple one hand operation. Meter comes with backlit LCD display, auto-hold function and auto power down (20 seconds approximately) after releasing MEAS button to extend battery life. Reading hold. Adjustable emissivity. One year warranty.

#### 625 Thermo-Hygrometer

Portable 3<sup>1/2</sup> digit, compact-sized thermo-hygrometer designed for simplicity and one hand operation. It can measure and display an environment temperature and humidity in a fraction of a second. Backlight. Display and max hold. One year warranty.

### Sound Meter

#### 732

See *Audio & Video* section for description.

### Anemometers

#### 730 Integral vane anemometer

Compact, one hand operation for easy measurements. Offer air flow averaging measurements for eight points. RS-232 output with optional cable. Meter sensor for temperature measurements along with airflow. Single point/multi-point moving averages. Display hold. Auto power off (20 minutes). Includes instruction manual, battery and carrying case. One year warranty.



## BK PRECISION

### Anemometers cont'd

#### 731 Anemometer with RS-232 interface

Precision anemometer with mechanical vane on retractable cord. Measure air velocity, free area and air flow volume. Instant display of CFM, CMS and temperature. Average readings for up to eight measurement points. RS-232 output with optional cable. Remote vane includes sensor for accurate temperature measurements. Select between °F or °C. Single point/multi-point averaging. Display hold. Auto power off (20 minutes). Includes instruction manual, battery and carrying case. One year warranty.



### Insulation and Earth Testers

- 61-782 Earth tester meets IEC1010-1 standards. Prevents breaker tripping. Battery check. Test button lock.
- 61-783 Earth tester meets IEC348 Class II standards. Multicolor scales. Prevents breaker tripping. Assures NEC Compliance. Analog range. Battery check.
- 61-784 Microprocessor controlled. Battery check. Test button lock. Auto discharge.
- 61-785 Live circuit indicator. Display light. Multicolor scales. Remote control. Test probes. Guard terminal. Test button lock.
- 61-786 Live circuit indicator. Display light. Multicolor scales. Remote control. Test probes. Guard terminal. Test button lock.
- 61-787 Live circuit visual and audible warnings. Front panel zero ohm adjust. Test button with lock. Battery check. Auto discharge.
- 61-780 Sleep mode. Auto hold. Backlit display. Low battery indicator. Battery check. Test button lock. Auto discharge.



Self-powered - no need for hand crank. Low power consumption. Compact and lightweight. Quick battery check. Integral carrying case. One year warranty.

### Light Meters

- 61-681 Stick digital light meter. Peak hold, digital and analog output, foot candle and lux measurement.
- 61-680 Digital light meter. Data hold, foot candle measurement.



Wide lighting range. Remote light sensor. Cosine and color corrected. Compact and lightweight. Low battery indicator. One year warranty.

### Infrared Thermometer

#### 61-682

Fifteen-to-one angle of viewability. Built-in laser pointer. Backlit display. Sleep mode. Measures temperatures from 0 °F to 500°F (-18°C to 260°C). One year warranty.

