

# MultiLog<sup>®</sup> Datalogging MultiMeter

Log and view up to 43,000 data points at capture rates as fast as 20 times per second

View stored data directly on LCD display with quick min/max and trend displays

## Features:

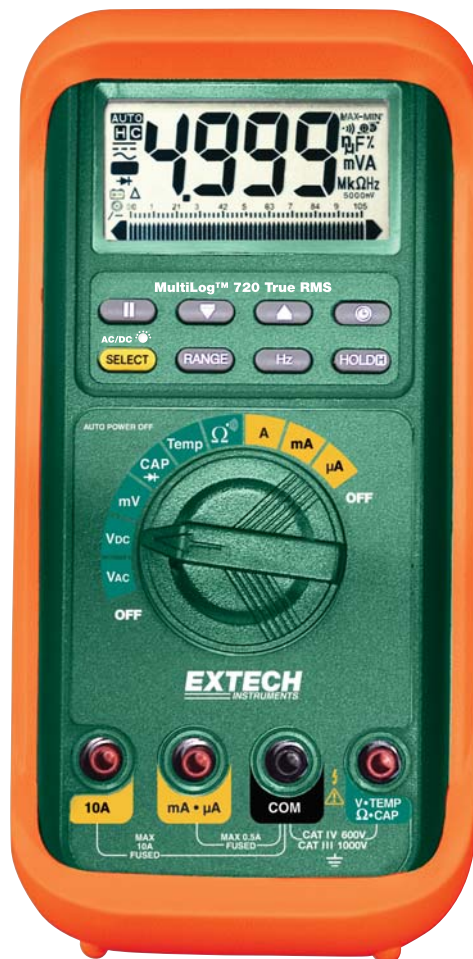
- 10 selectable datalogging sample rates from 0.05 second (50ms) to 480 seconds (8 minutes) per sample for high speed data collection or long time studies
- 43,000 data point memory
- Optically isolated RS-232 PC interface with Windows<sup>®</sup> 95/98/NT/2000/ME/XP compatible software (included) allows user to collect, display, plot, save or export data or graphs
- Rugged design with protective holster and water resistant housing
- High basic DC Voltage accuracy of 0.08%
- True RMS measurements for AC Voltage and Current
- Wide AC Voltage bandwidth of 40Hz to 20kHz
- Smart auto power off is disabled if signal is present at test leads
- Temperature function with selectable °F/°C units
- Backlit 5000 count LCD display for high resolution (0.01mV, 0.1µA, 0.01½, 0.01nF, 0.001Hz)
- Hold and low resistance auto-lead zero
- 10 measurement functions including AC/DC Voltage and Current, Resistance, Temperature, Frequency, Capacitance, Diode and Continuity
- Complete system includes multimeter with built-in stand, CAT III test leads, Temperature probe (-58 to 482°F/-50 to 250°C), software, RS-232 cable, protective holster and 9V battery. (AC adaptor not available)

## Applications:

- Use logged data collected in the field to generate reports
- Monitor and analyze electrical parameters over time
- Use with multimeter adaptors to perform studies on Airflow, Humidity, Light Level, Large Currents and rpm measurements

## Ordering Information:

- ML720 .....MultiLog<sup>™</sup> Datalogger MultiMeter  
 ML720-NIST ..MultiLog<sup>™</sup> Datalogger MultiMeter w/ NIST Cert.  
 TP872 .....Spare bead wire Temperature Probe  
 TL805 .....Spare set of CAT. III - 1000V Test Leads  
 TL807 .....Set of Alligator Clips (2pk)  
 CA899 .....Vinyl Pouch Carrying Case  
 FS880 .....Spare Fuse



| Specifications | Range Max.   | Resolution | Basic Accuracy (%rdg+digits)    |
|----------------|--|------------|---------------------------------|
| DC/AC Voltage  | 50mV, 500mV, 5V, 50V, 500V, 1000V                      | 0.01mV     | ±(0.08%+2d) DC<br>±(0.5%+3d) AC |
| DC/AC Current  | 500µA, 5000µA, 50mA, 500mA, 5A, 10A                    | 0.1µA      | ±(0.2%+4d) DC<br>±(0.6%+3d) AC  |
| Resistance (½) | 50, 500, 5k, 50k, 500k, 5M, 50M                        | 0.01½      | ±(0.1%+2d)                      |
| Capacitance    | 50nF, 500nF, 5µF, 0 50µF, 500µF, 9999µF                | .01nF      | ±(0.8%+3d)                      |
| Frequency      | 10Hz to 125kHz   | 0.001Hz    | ±(0.01%+2d)                     |
| Temperature    | -58F to 1832°F (-50 to 1000°C)                         | 1°         | ±(0.3%+3d)                      |
| Dimensions/ Wt | 7.32 x 3.42 x 1.39" (186 x 87x 35.5mm) / 0.75lb (340g) |            |                                 |