

## Compact Digital Mini MultiMeters

### Autoranging or Manual ranging multimeters

Affordable compact sized multimeters with Type K Temperature measurements and Autoranging model with advanced functions including Capacitance and Frequency.

### Features:

- Large easy to read digital display
- Thermocouple Type K function for surface and air temperature measurements up to 1400°F (760°C)
- Measure AC and DC Voltage to 600V
- DC Current function to 10A
- Resistance tests with Continuity and Diode functions
- Convenient mini size with tilt stand
- Includes built-in tilt stand, 9V battery (MN15A), two AAA batteries (MN16A), Test leads, and general purpose Type K thermocouple probe

#### MN15A Manual Ranging model

- 9V and 1.5V Battery test under load

#### MN16A Autoranging model

- AC Current, Capacitance, Frequency and Duty Cycle measurements
- Data Hold locks reading in the display



Troubleshoot electronic and electrical equipment

| Function        | MN15A                                      | MN16A                          | Basic Accuracy      |       |
|-----------------|--|--------------------------------|---------------------|-------|
|                 | (Manual Ranging)                           | (Autoranging)                  | MN15A               | MN16A |
| DC Voltage      | 600V (0.1mV)                               | 600V (1mV)                     | ±0.5%               | ±1.2% |
| AC Voltage      | 600V (0.1V)                                | 600V (0.1mV)                   | ±1.2%               | ±1.5% |
| DC Current      | 10A (0.1mA)                                | 10A (0.1µA)                    | ±1.5%               | ±1.5% |
| AC Current      | —  | 10A (0.1µA)                    | —                   | ±1.8% |
| Resistance      | 20MΩ (0.1Ω)                                | 40MΩ (0.1Ω)                    | ±0.8%               | ±1.2% |
| Capacitance     | —  | 100µF (0.01nF)                 | —                   | ±3.0% |
| Frequency       | —  | 5MHz (0.001Hz)                 | —                   | ±1.2% |
| Temperature     | -4 to 1400°F<br>(-20 to 750°C)             | -4 to 1400°F<br>(-20 to 750°C) | ±(3%rdg + 8 digits) |       |
| Duty Cycle      | —  | 01 to 99.9%                    | —                   | ±1.2% |
| Battery Test    | 9V & 1.5V Batteries                        | —                              |                     |       |
| Category rating | CAT III-600V                               | CAT III-600V                   |                     |       |
| Dims/ Wt        | 5.43x2.83x1.5" (138x72x38mm)/ 5.4oz (153g) |                                |                     |       |

Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
<http://www.instrumentation2000.com>

### Ordering Information:

- MN15A .....Manual Ranging MiniTec® MultiMeter with Temp  
MN16A .....Auto Ranging MiniTec® MultiMeter with Temp  
TP873 .....Spare Type K Bead Wire Temperature Probe  
(-22 to 572°F/-30 to 300°C)  
409992 .....Vinyl Pouch Carrying Case

<http://www.instrumentation2000.com>

