

# Pen Style Meter with Current Clamp & Temperature Adapter

## Specifications model

2710 & 2720

DC VOLTS			
Range	Resolution	Accuracy	
300mV	100 $\mu$ V	$\pm(0.7\% + 2\text{dgt})$	
3V	1mV		
30V	10mV		
300V	100mV		
600V	1V		
AC VOLTS			
Range	Resolution	Accuracy	
3V	1mV	$\pm(1.7\% \text{rdg} + 5\text{dgt})$	
30V	10mV	$\pm(1.7\% \text{rdg} + 5\text{dgt})$ 40 MHz to 500 MHz	
300V	100mV		
600V	1V		
CURRENT (2720 ONLY)			
Range	Measure	Accuracy	Output
300A	3 A	$\pm(1.9\% + 0.5A)$	0.030V
	30A		0.300V
	300A		3.000V
RESISTANCE			
Range	Resolution	Accuracy	
300 $\Omega$	0.1 $\Omega$	$\pm(1.2\% \text{rdg} + 4\text{dgt})$	
3k $\Omega$	1 $\Omega$	$\pm(1.0\% \text{rdg} + 2\text{dgt})$	
30k $\Omega$	10 $\Omega$		
300k $\Omega$	100 $\Omega$	$\pm(1.5\% \text{rdg} + 3\text{dgt})$	
3M $\Omega$	1K $\Omega$		
30M $\Omega$	10K $\Omega$		
TEMPERATURE ADAPTER (2720 ONLY)			
Measurement Range	Accuracy	Input Protection	
-50°C ~ 20°C	$\pm(2.0\% \text{rdg} + 2^\circ\text{C})$	60VDC & 24V rms	
-58°F ~ 4°F	$\pm(2.0\% \text{rdg} + 4^\circ\text{F})$		
-19°C ~ 350°C	$\pm(0.5\% \text{rdg} + 2^\circ\text{C})$		
-3°F ~ 662°F	$\pm(0.5\% \text{rdg} + 4^\circ\text{F})$		
351°C ~ 500°C	$\pm(2.0\% \text{rdg} + 2^\circ\text{C})$		
663°F ~ 932°F	$\pm(2.0\% \text{rdg} + 4^\circ\text{F})$		
501°C ~ 1000°C	$\pm(2.9\% \text{rdg} + 2^\circ\text{C})$		
933°F ~ 1832°F	$\pm(2.9\% \text{rdg} + 4^\circ\text{F})$		

**Three Year Warranty**



Model 2720 Kit includes the 2710 DMM, CH-100 Current Head, and TP-30B Temperature Adapter. This kit is ideal for troubleshooting most HVAC/R systems as well as motor circuits and temperature systems. These products are housed in a rugged carrying case, which is included with the product. Great for hobbyists.

This DMM is a 3200 count, uniquely designed multimeter that measures VDC, VAC resistance and checks continuity and diodes. The unique form factor allows for easy single handed operation. This allows the operator to keep his eyes on his work at all times. The current clamp head attaches to the top of the DMM and reads out in VAC up to 300A. The temperature adapter also attaches to the top of the DMM and reads temperature out in millivolts.

### Model 2710

- Voltage to 600VDC/VAC
- Resistance to 30M $\Omega$
- Diode and continuity test

### Model 2720

- CH-100 Current Head, which allow measurement up to 300A
- TP-30B Temperature Adapter, which allow temperature measurement from -58° to 1832°F (-50° to 1000°C)