



Built-in Thermal Imager with 80x80 InfraRed resolution quickly and safely identifies hot spots without contact			
2.4" TFT color 6000 counts LCD display with 240x320 pixels for easy and clear viewing of images and readings			
True RMS measurement for ACV / ACA / LoZ for ACV measurement			
Flexible current probe (320B/320BS optional) expands the measurement range to 3000 ACA			
Low pass filter for accurate measurement of variable frequency drive (VFD) signals			
1.4" (37mm) Jaw opening			
AC, AC+DC True RMS measurement & 1KHz ACV, ACA bandwidth			
A/D convert fast sampling time: 10 times/sec			
Peak capture as fast as 500µS & Inrush current			
Min/Max/Avg with Time stemp (records signal fluctuations)			
With Bluetooth connect to Thermview+ smart phone App for documentation reporting and sharing			
Logging function with Trend capture for easy review of logged data			
Double molded plastic housing for safe testing and flashlight for dark location			
<b>Specifications</b>			
		<b>9481</b>	<b>9581</b>
<b>Thermal Imager</b>			
IR resolution	80x80 pixels		*

Field of View (FOV)	21° x 21°				*
Thermal sensitivity/NETD	< 0.08°C /80mK				*
Image frequency	50Hz				*
Object temperature range	-20 to 260°C (-4 to 500°F)				*
Spectral range	8-14 μm				*
Color palettes	Iron/Rainbow/Grey/Grey Inverted/Feather				*
Accuracy	±2°C (±3.6°F) or ±2% of reading				*
<b>True RMS Multimeter Functions</b>					
Function	Maximum	Max. resolution	Best Accuracy		
Voltage DC	1000V	100mV	±(0.5% + 5d)	1500V	*
Voltage AC	1000V	100mV	±(1.2% + 5d)	1500V	*
Current DC	1000V	0.01A	±(2% + 8d)	*	*
Current AC	1000V	0.01A	±(2.5% + 5d)	*	*
Flexible A	3000A	0.01A	±(3.0%+5d)	*	*
Resistance	60MΩ	0.1Ω	±(0.8% + 5d)	*	*
Capacitance	100mF	0.01nF	±(3.0% + 5d)	*	*
Frequency	10MHz	0.01Hz	±(0.2% + 5d)	*	*
Inrush Current	1000A	1A		*	*
Temperature	1000°C/1832°F		±(1.5%+3°C)	*	*
Diode & Continuity	Yes			*	*
Interface	Bluetooth			*	*
Power Supply	Li-ion rechargeable battery			*	*