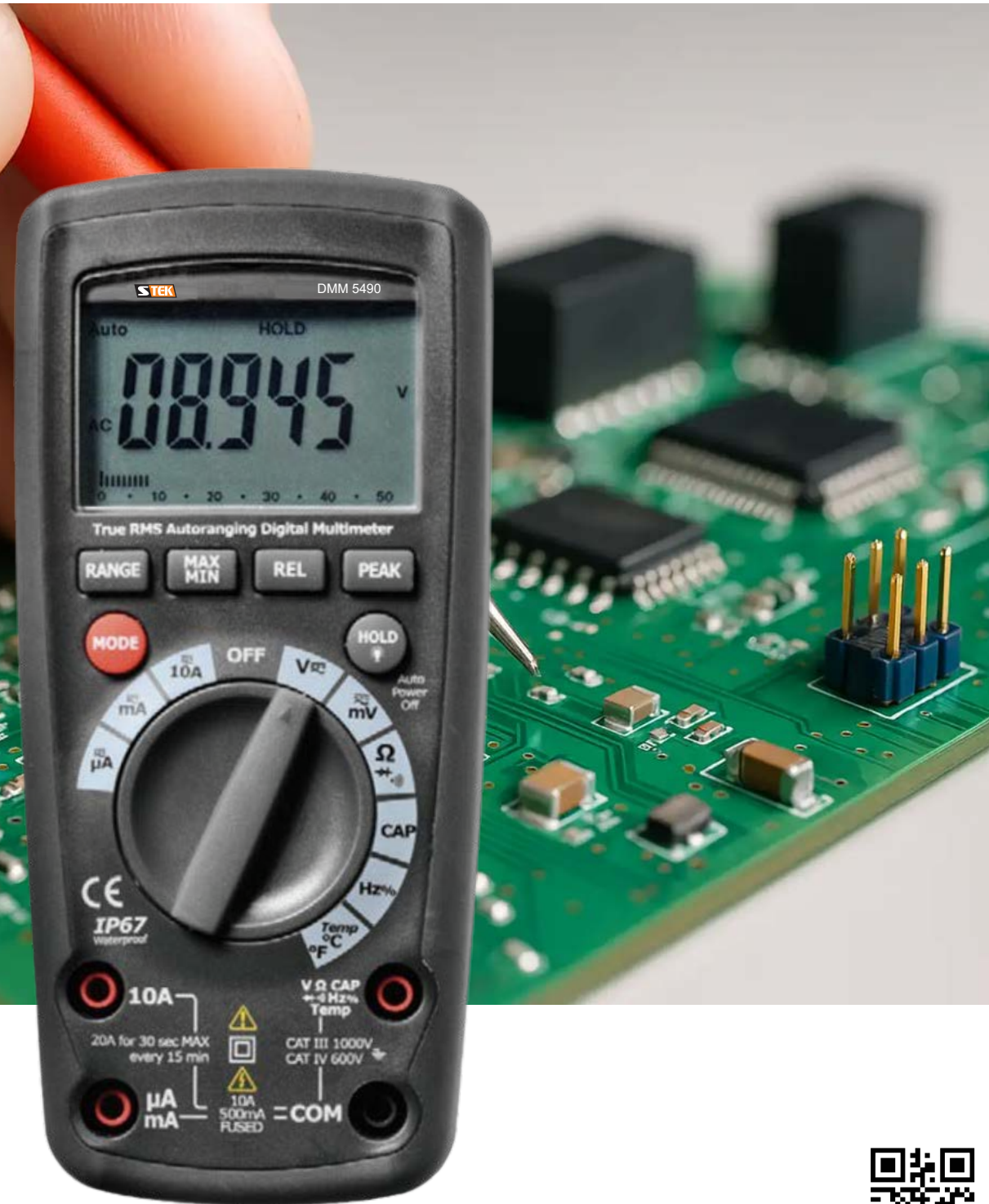


4¾ (40000 Counts) Multimeter STEK DMM5490
True RMS, IP67




Function	Range	Resolution	Accuracy
DC Voltage	50mV	0.001mV	±(0.06% reading + 9digits)
	500mV	0.01mV	±(0.06% reading + 4 digits)
	5V	0.0001V	
	50V	0.001V	
	500V	0.01V	
	1000V	0.1V	±(0.1% reading + 5 digits)
AC Voltage			50 to 1000Hz
	50mV	0.001mV	
	500mV	0.01mV	
	5V	0.0001V	±(1.0% reading + 9 digits)
	50V	0.001V	
	500V	0.01V	
DC Current			
	All AC voltage ranges are specified from 5% of range to 100% of range		
	500µA	0.01µA	(1.0% reading + 3 digits)
	5000µA	0.1µA	
	50mA	0.001mA	
	500mA	0.01mA	
10A	0.001A		
(20A: 30 sec max with reduced accuracy)			
AC Current			50 to 1000Hz
	500µA	0.01µA	
	5000µA	0.1µA	
	50mA	0.001mA	±(1.5% reading + 9 digits)
	500mA	0.01mA	
	10A	0.001A	
(20A: 30 sec max with reduced accuracy)			
All AC voltage ranges are specified from 5% of range to 100% of range			
Function	Range	Resolution	Accuracy
Resistance	50Ω	0.001Ω	±(0.3% reading + 9 digits)
	500Ω	0.01Ω	
	5kΩ	0.0001kΩ	
	50kΩ	0.001kΩ	±(0.3% reading + 4 digits)
	500kΩ	0.01kΩ	
	5MΩ	0.0001MΩ	
	50MΩ	0.001MΩ	±(2.0% reading + 10 digits)
Capacitance			±(3.5% reading + 40 digits)
	500nF	0.01nF	
	5µF	0.0001µF	±(3.5% reading + 10 digits)
	50µF	0.001µF	
	500µF	0.01µF	
	5000µF	0.1µF	±(5% reading + 10 digits)
Frequency	50mF	0.001mF	
	50Hz	0.001Hz	
	500Hz	0.01Hz	
	5kHz	0.0001kHz	±(0.1% reading + 1 digits)
	50kHz	0.001kHz	
	500kHz	0.01kHz	
	5MHz	0.0001MHz	
	50MHz	0.001MHz	
Duty Cycle ⁰	Sensitivity: 0.8V rms min. @ 20% to 80% duty cycle and <100kHz: 5Vrms min		
	0.1 to 99.90%	0.01%	±(1.2% reading + 2 digits)
Temp (type-K)	Pulse width: 100µs-100ms. Frequency: 5Hz to 150kHz		
	-58.0 to	0.1°F	±(1.0% reading + 4.5°F) (probe accuracy not
	-50.0 to	0.1°C	±(1.0% reading + 2.5°C) (probe accuracy not

NOTE: Accuracy is stated at 18°C to 28°C (65°F to 83°F) and less than 75% RH.



4³/₄ (40000 Counts) Multimeter STEK DMM5490



Enclosure	Double molded, Waterproof (Ip67)
Diode Test	Test current of 0.9mA maximum,
Continuity Check	Audible signal will sound if the resistance is less than 35Ω(approx.),
PEAK	Captures peaks >1ms
Temperature Sensor	Requires type K thermocouple
Input Impedance	>10MΩ VDC & >3MΩ VAC
AC Response	True rms
ACV Bandwidth	40Hz to 1000Hz
Crest Factor	<3 at full scale up to 500V,
Display	40,000 count backlit liquid crystal
Overrange indication	"OL" is displayed
Auto Power Off	15 minutes (approximately) with
Polarity	Automatic (no indication for positive);
Measurement Rate	8 times per second, nominal
Low Battery Indication	"  " is displayed if battery voltage
Battery	One 9 volt (NEDA 1604) battery
Fuses	mA, μA ranges; 0.5A/1000V ceramic fast blow A range; 10A/1000V ceramic fast
Operating Temperature	5°C to 40°C(41°F to 104°F)
Storage Temperature	-20°C to 60°C(-4°F to 140°F)
Operating Humidity	Max 80% up to 31°C (87°F) decreasing linearly to 50% at 40°C (104°F)
Storage Humidity	<80%
Operating Altitude	7000 ft. (2000 meters) maximum
Weight	0.806 lb (365.9g) (includes holster)
Size	6.69"x3.2"x2.0"(170x81x50 mm)
Safety	This meter is intended for origin of installation use and protected, against the
Approvals	CE

