

DIGITAL MULTIMETER 5 IN 1

KPS-MT490



- ☐ Digital multimeter with environmental measurements: Temperature, relative humidity, sound level and brightness
- ☐ 4000 counts
- ☐ Measurements of DC / AC voltage, DC / AC current, resistance, capacity and frequency - Continuity warning and diode test
- ☐ Selection of °C / °F
- ☐ Hold readings on screen
- ☐ Autoscale, auto power off, backlit display and low battery indication
- ☐ CAT.III 600V according to EN 61010
- ☐ Power supply: 3 AAA 1.5V batteries
- ☐ Dimensions: 195x92x55 mm



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DIGITAL AUTOMOTIVE MULTIMETER

General	
Power Supply	3×1.5V AAA Battery
Product Size	195mm×92mm×55mm
Product Weight	390g
Certificate	CE/ETL/RoHS
Safety Rating	CAT III 600V

Specs	
Display Counts	4000
Auto ranging	✓
Auto Power Off	✓
°C/°F Selection	✓
Data Hold	✓
Diode	1.5V
Continuity Buzzer (<50±20Ω)	✓
Sound & Light Warning	For Incorrectly Inserting the Input Plugs (S Version only)
Low Battery Display	✓
Display Backlight	✓

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Specs	Range	Resolution	Accuracy
DC Voltage	400mV/4V/40V/400V/600V	0.1mV/1mV/10mV/0.1V/1V	$\pm(0.7\%+2)$
AC Voltage	400mV/4V/40V/400V	0.1mV/1mV/10mV/0.1V	$\pm(0.8\%+3)$
	600V	1V	$\pm(1.0\%+3)$
DC Current	400 μ A/4000 μ A/40mA/400mA	0.1 μ A/1 μ A/10 μ A/0.1mA	$\pm(1.2\%+3)$
	4A/10A	1mA/10mA	$\pm(2.0\%+10)$
AC Current	400 μ A/4000 μ A/40mA/400mA	0.1 μ A/1 μ A/10 μ A/0.1mA	$\pm(1.5\%+5)$
	4A/10A	1mA/10mA	$\pm(3.0\%+10)$
Resistance	400 Ω /4k Ω /40k Ω /400k Ω /4M Ω	0.1 Ω /1 Ω /10 Ω /0.1k Ω /1k Ω	$\pm(1.2\%+2)$
	40M Ω	10k Ω	$\pm(2.0\%+5)$
Capacitance	40nF/400nF/4 μ F/40 μ F/100 μ F	0.01nF/0.1nF/1nF/10nF/0.1 μ F	$\pm(3.0\%+3)$
Frequency	10Hz	0.001Hz	$\pm(2.0\%+5)$
	100Hz/1000Hz/10kHz	0.01Hz/0.1Hz/1Hz	$\pm(1.5\%+5)$
	100kHz/200kHz	10Hz/0.1kHz	$\pm(2.0\%+5)$
	>200kHz	0.1kHz	Reference
Duty Cycle	0.1%~99.9%	0.1%	$\pm(3.0\%)$

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Specs	Range	Resolution	Accuracy
Temperature (K-Type)	-20°C ~ 0°C	1°C	±(5.0%+3)
	1°C ~ 400°C	1°C	±(1.0%+2)
	401°C ~ 1000°C	1°C	±(2.0%)
	-4°F ~ 32°F	1°F	±(5.0%+6)
	33°F ~ 752°F	1°F	±(1.0%+4)
	753°F ~ 1832°F	1°F	±(2.0%)
Environment	0°C ~ 40°C	0.1°C	±(2.0°C)
	32°F ~ 104°F	0.1°F	±(4.0°F)
Relative Humidity	20% ~ 95%	0.10%	±(5.0%)
Sound Level	40dB ~ 100dB	0.1dB	±(3.5%)
Luminosity	4000Lux/40000Lux	1Lux/10Lux	±(5.0%+10)

Product Code Information

SKU	KPSMT490CBINT
EAN code	8435394774718
UPC code	810053670064
Pcs/export carton	20