

Model - KM-CAL-907



This is a source and measure type of calibrator and it gives high accuracy of 0.02% . It has dual display. 5 digits display for measure and 6 digits display for source & white LED for backlight.

FEATURES

- High Accuracy of 0.02% for measure and source.
- A dual, Liquid Crystal Display.
- 5 digits display for measure.
- 6 digits display for source.
- White LED for backlight

GENERAL SPECIFICATIONS

- * Accuracy : $\pm 0.02\%$
- * Max. Allowable Voltage : 30V
- * Operation Temperature Range : 0 ~ 50°C
- * Operation Humidity Range : 80% RH
- * Storage Temperature Range : -10°C ~ 55°C
- * Storage Humidity Range : 90% RH
- * Power supply : 4 x 1.5 AAA size alkaline batteries (AC adaptor can charge Ni-Ni- battery)
- * Size : 205 x 95 x 42 mm
- * Weight : 500g (with holster)
- * Safety : Conforms to IEC 1010

ACCESSORIES :

Test leads, Fuse, User's Manual, Carrying Case.

OPTIONAL ACCESSORIES :

AC adaptor (VCPS)

ELECTRICAL SPECIFICATIONS : KM-CAL-907

(ACCURACY : \pm (% Reading + digits)

TECHNICAL DATA (Output Function)

Function	Range	Measuring Range	Resolution	Accuracy	Remark
DC Voltage	1000mV	-100.00 ~ 1100.00mV	10 V	0.02 + 0.01	Maximum output : 2mA
	10V	-1.0000 ~ 11.0000V	0.1mV	0.02 + 0.01	Maximum output : 5mA
DC Current	20mA	0.000mA ~ 22.000mA	1 A	0.02 + 0.02	Simulator Transmitter :5-28V Power Supply outside : 1K at 20mA
Frequency	100Hz	1.00Hz ~ 110.00Hz	0.01Hz	± 2 Count	Output Voltage: $\pm 11V$ (zero base waveform); Amplitude accuracy : $\pm 10\% + 0.5V$; Maximum load: >100K Duty Cycle : 50%
	1KHz	0.100KHz ~ 1.100KHz	1Hz		
	10KHz	1.0KHz ~ 11.0KHz	0.1KHz		
Pulse	100Hz	1 ~ 100000 cycles	1 cycle	_____	
	1KHz				
	10KHz				
Loop	24V	_____	_____	$\pm 10\%$	Maximum output current : 25mA short circuit protected.

MEASURING FUNCTION

Function	Range	Measuring Range	Resolution	Accuracy	Remark
DC Voltage	200mV	-20.00~220.00mV	10 V	0.02%+0.02	Input Resistance: approximately 100M
	5 V	-0.5000~5.5000V	0.1mV	0.02%+0.01	Input Resistance: approximately 1M
	50 V	-5.000~55.000V	1mV	0.02%+0.01	
DC mA	50mA	-4.000~55.000mA	1 A	0.03 + 0.01	Input Resistance: 5
Frequency	500Hz	3Hz ~ 500.00Hz	0.01Hz	± 2 Count	Input Impedance: 100K at least; Sensitivity : 3V p-p minimum; Duty Cycle : 50%
	5KHz	3Hz ~ 5.0000KHz	0.1Hz		
	50KHz	3Hz ~ 50.000KHz	1Hz		
Continuity	250	CLOSE / OPEN			Open circuit voltage : about 2.5V
Pressure	Defined by pressure module	_____	Defined by pressure module	Defined by pressure module	For more detail, refer the pressure module about APM.

Note: All Specification are Subject to change without prior notice.