

BENCH MULTIMETER

400,000 Counts,
High Accuracy
Semi LCR Meter

DM-9241B



■ Fetures

- 12 Kinds Multi Measuring Function
(Including Inductance, Capacitance, Resistance, Temperature measuring)
- High Resolution with 5 ³/₄ digits (Back Light LCD)
(Maximum Display 399999 counts with Dual Display)
- Temperature Measuring Function
(-40 °C ~ 1200 °C / -40 °F ~ 2192 °F : °C/°F switchable)
- Auto, Manual and Re-call Function (Maximum 10 numbers)
- True RMS AC Voltage
- Data memory and Recall function (Max 10 numbers)
- Auto, Manual measuring choice Function
- REL Function
- Sharp readable LCD at any angle with backlight.
- Special LED indicator to avoid injury of user and equipment by wrong test leads connection.
- Optional PC Interface with RS232C or USB

■ Technical Specification

	Range		Reference Value	Accuracy (% + dgts)			Resolution	Tolerated Values		
	Min	Max		Min	to	Max		Min	to	Max
DC(V)	400	mV	370.000	0.030	+	15	0.001	369.874	to	370.126
	4	V	3.70000	0.012	+	10	0.00001	3.69946	to	3.70054
	40	V	37.0000	0.012	+	10	0.0001	36.9946	to	37.0054
	400	V	370.000	0.012	+	10	0.001	369.946	to	370.054
	1000	V	900.00	0.050	+	15	0.01	899.40	to	900.60
AC (V)				50Hz ~ 100Hz						
	400	mV	370.000	0.500	+	10	0.001	368.140	to	371.860
	4	V	3.70000	0.500	+	10	0.00001	3.68140	to	3.71860
	40	V	37.0000	0.500	+	10	0.0001	36.8140	to	37.1860
	400	V	370.000	0.500	+	10	0.001	368.140	to	371.860
				100Hz ~ 5KHz						
	400	mV	370.000	1.000	+	10	0.001	366.290	to	373.710
	4	V	3.70000	1.000	+	10	0.00001	3.66290	to	3.73710
	40	V	37.0000	1.000	+	10	0.0001	36.6290	to	37.3710
	400	V	370.000	1.000	+	10	0.001	366.290	to	373.710
				50Hz ~ 400Hz						
	750	V	700.00	0.500	+	10	0.01	696.40	to	703.60
DC (A)	40	mA	37.0000	0.030	+	10	0.0001	36.9879	to	37.0121
	400	mA	370.000	0.030	+	10	0.001	369.879	to	370.121
	20	A	1.0000	0.100	+	15	0.0001	0.9975	to	1.0025
AC (A)	40	mA	37.0000	0.500	+	10	0.0001	36.8140	to	37.1860
	400	mA	370.000	0.500	+	10	0.001	368.140	to	371.860
	20	A	1.0000	0.800	+	15	0.0001	0.9905	to	1.0095
Resistance	400	Ω	370.000	0.030	+	15	0.001	369.874	to	370.126
	4	kΩ	3.70000	0.030	+	15	0.00001	3.69874	to	3.70126
	40	kΩ	37.0000	0.030	+	15	0.0001	36.9874	to	37.0126
	400	kΩ	370.000	0.030	+	15	0.001	369.874	to	370.126
	4	MΩ	3.70000	0.030	+	15	0.00001	3.69874	to	3.70126
	40	MΩ	20.000	0.100	+	15	0.001	19.965	to	20.035
Inductance	400	mH	370.00	1.00	+	10	0.01	366.20	to	373.80
Frequency	40	KhZ	0.037	0.100	+	5	0.001	0.032	to	0.042
	40	KhZ	37.000	0.100	+	5	0.001	36.958	to	37.042
	400	KhZ	370.00	0.100	+	5	0.01	369.58	to	370.42
	4	Mhz	3.7000	0.100	+	5	0.0001	3.6958	to	3.7042
	40	Mhz	37.000	0.100	+	5	0.001	36.958	to	37.042
Capacitance	400	nF	370.00	2.000	+	10	0.01	362.50	to	377.50
	4	uF	3.7000	2.000	+	10	0.0001	3.6250	to	3.7750
	40	uF	37.000	3.000	+	15	0.001	35.875	to	38.125
	400	uF	370.00	3.000	+	15	0.01	358.75	to	381.25
	4000	uF	3700.0	3.000	+	15	0.1	3587.5	to	3812.5
Temp	200	°C	100.0	3.000	+	50	0.1	92.0	to	108.0
	1200	°C	1000.0	3.000	+	20	0.1	968.0	to	1032.0
Logic	HI-----LOW DC 40V									
Diode	Measures forward resistance of semiconductor junction in kohm a test current of approximately 1mA. (Forward voltage Max. 1.5V)									
Continuity	The Buzzer sounds if the measured resistance is Less than approximately 4 Ω +/- 20 digit									