DT-2001 2 in 1 Electrical Tester

- Open Jaw ACA 0-200A meaurement
- Two LCD Displays, Measuring ACA and ACV/ DCV/ Freq. /%Duty /OHM/CAP/Diode/Continuity at same time
- Data hold for each display
- Auto power off
- Relative zero for DCV/ACV/CAP/OHM
- 1.5V x 2 Batteries
- CAT III 600V

SPECIFICATIONS:

AC Current

RANGE	RESOLUTION	ACCURACY
200A	100mA	±(3%+3d)

Frequency Range: 45 to 66Hz; Maximum Input:200A range

DC Voltage (Auto-ranging):

RANGE	RESOLUTION	ACCURACY
400.0mV	0.1mV	±(0.5%+2d)
4.000V	1mV	±(1.2%+2d),
40.00V	10mV	
400.0V	100mV	
600V	10V	±(1.5%+2d)

Input Impedance: 7.8MΩ; Maximum Input: 600V dc or 600V ac rms

AC Voltage (Auto-ranging)

RANGE	RESOLUTION	ACCURACY
4.000V	0.1mV	±(0.5%+2d)
40.00V	1mV	±(1.2%+2d),
400.0V	10mV	
600V	100mV	

Input Impedance: 7.8MΩ; Frequency Range:40 to 400Hz;
Maximum Input: 600V dc or 600V ac rms

Resistance (Auto-ranging)

RANGE	RESOLUTION	ACCURACY
400.0Ω	0.1Ω	±(1.2%+4d)
4.000KΩ	1Ω	±(1.2%+2d)
40.00KΩ	10Ω	
400.0KΩ	100Ω	
4.000MΩ	1KΩ	
40.00MΩ	10KΩ	±(2.0%+3d)

Input Protection: 250V dc or 250V ac rms

Capacitance (Auto-ranging)

RANGE	RESOLUTION	ACCURACY
4.000nF	1pF	±(5.0%+10d)
40.00nF	10pF	±(5.0%+7d)
400.0nF	0.1nF	±(3.5%+5d)
4.000uF	1nF	
40.00uF	10nF	
200.0uF	0.1uF	±(5.0%+10d)

Input Protection: 250V dc or 250V rms

Frequency (Auto-ranging)

RANGE	RESOLUTION	ACCURACY	SENSITIVITY
9.999Hz	0.001Hz	±(1.2%+5d)	0.5V RMS min

99.99Hz	0.01Hz	±(1.2%+5d)	0.5V RMS min
999.9Hz	0.1Hz	±(0.8%+5d)	0.5V RMS min
9.999KHz	1Hz	±(0.8%+5d)	0.5V RMS min
99.99kHz	10Hz	±(0.8%+3d)	0.8V RMS min
999.9kHz	100Hz	±(0.8%+5d)	3.5V RMS min
9.999MHz	1KHz	±(2.0%+4d)	8.0V RMS min

Sensitivity: RMS min. at >20%, <80% duty cycle.

Effect Reading :more than 100 digital at pulse width > 2uSec.

Overload protection: 250V dc or ac rms.

Duty Cycle (Auto-ranging)

RANGE	RESOLUTION	ACCURACY
0.1%~99.9%	0.1%	±(1.2%+2d)

Frequency:1Hz to 300KHz

Sensitivity:0.5V RMS min. when f<10KHz;0.8V RMS min. when f >10KHz,<100KHz;3.5V RMS min. when f>100KHz, <300Hz.

Pulse width:>100us, <100ms.

Overload protection:250V dc or ac rms.

Effect Reading : more than 100 digital at pulse width > 2uSec.

Overload protection: 250V dc or ac rms.

Diode Test (Auto-ranging)

TEST CURRENT	RESOLUTION	ACCURACY
0.3mA typical	1mV	±(10%+5d)

Open circuit voltage:1.5V dc typical

Overload protection: 250V dc or ac rms

Audible

Audible threshold :less than 30Ω

Test current: <0.3mA

Overload protection: 250V dc or ac rms