MEXTECH ™

INSTRUMENTS OF TOMORROW

Digital AC/DC Leakage Clamp Meter DT-630



Specification:

Function	Range	Accuracy	Resolution		Remarks
ACV	400mV	1.2% of rdg	0.1mV		Overload protection: 1000V DC/750Vrms AC Impedance: 10MΩ，More than 100MΩ on 400mV scale
	4V	0.8% of rdg	1mV		
	40V		10mV		
	400V		100mV		
	1000V	1.5% of rdg	1V		
DCV	Range	Accuracy	Resolution	Frequency	Average sensing, calibrated to rms of sine wave Overload protection: 1000V DC/750Vrms AC Impedance: 10MΩ.
	400mV	±2.5% of rdg	0.1mV	50～100Hz	
	4V	1.2% of rdg	1mV		
	40V		10mV		
	400V		100mV		
	750V	2.5% of rdg	1V		

ACA	Range	Accuracy	Resolution	Overload protection: 1000Arms within 60 seconds
	4000mA	3.5% of rdg	1mA	
	30A	3.0% of rdg	10m A	

DCA	Range	Accuracy	Resolution	Frequency	Average sensing, calibrated to rms of sine wave Overload protection: 1000Arms within 60 seconds
	4000mA	3.5% of rdg	1mA	50～60Hz	
	30A	3.0% of rdg	10m A		

Resistance	Range	Accuracy	Resolution	Overload protection: 250V DC/250Vrms AC
	400Ω	1.8% of rdg	0.1Ω	
	4kΩ	1.2% of rdg	1Ω	
	40kΩ		10Ω	
	400kΩ		100Ω	
	4MΩ		1kΩ	
	40MΩ	2.0% of rdg	10kΩ	

Capacitance	Range	Accuracy	Resolution	Overload protection: 250V DC/250Vrms AC
	40nF	3.5% of rdg	10PF	
	400nF	2.5% of rdg	100PF	
	4μF		1nF	
	40μF		10nF	
	100μF	3.5% of rdg	100nF	

Frequency	Range	Accuracy	Resolution	Sensitivity	Overload protection: 250V DC/250Vrms AC Duty cycle: 0.1%～99.9%
	10Hz	0.5% of rdg	0.01Hz	Range of input voltage:1.5V~10V, If input voltage over range, need adjust	
	100Hz		0.1Hz		
	1000Hz		1Hz		
	10kHz		10Hz		

Temperature(NiCr-NiSi sensor)	Range	Accuracy		Resolution		Overload protection: 250V DC/250Vrms AC
	℃	-20～150℃	3℃+2	＜400℃	1℃	
		150～300℃	3.0% of rdg	＜400℃	1□	
		300～1000℃	3.5% of rdg	≥400□	1□	

Diode and Audible continuity test	Range	Description	Test condition	Overload protection: 250V DC/250Vrms AC
		Display read approx. Forward voltage of diode.	Forward DC current approx. 0.4mA Reversed DC voltage approx. 1.5V	
		Built-in buzzer sounds if resistance is less than 70Ω	Open circuit voltage aprox. 0.5V	