



JL&L TREND TOOLS WHOLESALING



## TEKTrend-ETX-2025/ 0.025% accuracy of reading+2 Counts Multifunction Calibrator



Model: TEKTrend-ETX-2025

Features:

- A split-screen display. The upper display allows you to measure volts, current (with loop power), resistance and continuity test.
- The lower display allows you to measure and source volts, current, resistance temperature detectors (RTD), thermocouples (TC), frequency, and ohms.
- The measure of thermocouple provides automatic reference junction.
- Automatic and manual cold end temperature compensation for TC.
- Manual stepping and automatic stepping and ramping.
- Super-strong protection: The waterproof grade is IP67.
- Automatic protection against the signal terminals connect to the 220V.

Summary of Source and Measure Functions		
Function	Measure	Source
DC V	0~50V(the upper display $\pm 30V$ )	0~10V
DC mA	0~24mA(the upper display $\pm 24mA$ )	0~24mA
Frequency	1.000Hz~100.00kHz	0.00Hz~20.000kHz
Resistance	0~3200 $\Omega$	0~3200 $\Omega$
DC mV	0~100mV(the upper display $\pm 200mV$ )	0~100mV
RTD	Pt100,Pt1000,Cu50,Cu100	Pt100,Pt1000,Cu50,Cu100
TC	E,J,K,T,B,R,S,N	E,J,K,T,B,R,S,N
Others	Loop supply,Step,Ramp,Dual display	

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DC Voltage Measurement				
Range	Maximum measurement range	Resolution	Accuracy(%of reading+counts)	
28V(upper display)	-33V~33V	0.001V	0.025+2	
200mV(upper display)	-200mV~200mV	0.01mV	0.025+2	
50V(lower display)	-1V~60V	0.001V	0.02+2	
100mV(lower display)	-15mV~125mV	0.01mV	0.02+2	
DC mA measurement				
Range	Maximum measurement range	Resolution	Accuracy(%of reading+counts)	
20mA(upper display)	-24mA~24mA	0.001mA	0.025+2	
20mA(loop of upper display)	0~24mA	0.001mA	0.025+2	
20mA(lower display)	0~24mA	0.001mA	0.02+2	
Resistance Measurement (upper display)				
Range	Maximum output range	Resolution	Accuracy(%of reading+counts)	
400Ω	0~440Ω	0.1Ω	0.05+2	
3200Ω	420Ω~3300Ω	1Ω		
On-off test	0~200Ω	1Ω	0.05+1	
Resistance Measurement (upper display)				
Range	Maximum output range	Resolution	Accuracy(%of reading+counts)	
400Ω	0~440Ω	0.1Ω	0.05+2	
3200Ω	420Ω~3300Ω	1Ω		
On-off test	0~200Ω	1Ω	0.05+1	
Resistance measurement (lower display)				
Range	Maximum measurement range	Resolution	Accuracy(Ω)	
			Two-wire, three-wire	Four-wire
400Ω	0~440Ω	0.01Ω	0.15	0.1
3200Ω	420Ω~3600Ω	0.1Ω	1	0.5

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