

Parameter/instrument		Range		
<b>Multimeter</b>	<b>DC Voltage</b>	0.1mV	to	1000V
	<b>AC Voltage</b>			
	20 to 50Hz	1mV	to	30V
	50 to 100KHz	30V	to	100V
	50 to 10KHz	100V	to	1000V
	<b>DC CURRENT</b>			
		1 $\mu$ A	to	20 A
	<b>Ac current</b>			
	20 Hz to 1 kHz		30 $\mu$ A	
	50 Hz to 1kHz	30 $\mu$ A	to	20 A
	1kHz to 10kHz	10 mA	to	1A
	1 kHz to 5kHz	2.9 mA	to	20A
	<b>DC resistance</b>			
	0.001 $\Omega$	to	1000M $\Omega$	
<b>Capacitances</b>				
	220 pF	to	100 $\mu$ F	
<b>Frequency</b>				
	1Hz	to	1100MHz	
<b>RTD</b>				
	-200°C	to	800°C	
<b>Clamp Meter</b>	<b>DC Voltage</b>	0.1mV	to	1000V
	<b>AC Voltage</b>			
	20 to 50Hz	1mV	to	30V
	50 to 100KHz	30V	to	100V
	50 to 10KHz	100V	to	1000V
	<b>DC CURRENT</b>			
		1 $\mu$ A	to	20 A
		20 A	to	1000 A
	<b>Ac current</b>			
	20 Hz to 1 kHz		30 $\mu$ A	
	50 Hz to 1kHz	30 $\mu$ A	to	20 A
	1kHz to 10kHz	10 mA	to	1A
	1 kHz to 5kHz	2.9 mA	to	20A
	20 A	to	1000 A	
<b>DC resistance</b>				
	0.001 $\Omega$	to	1000M $\Omega$	
<b>Capacitances</b>				
	220 pF	to	100 $\mu$ F	
<b>Frequency</b>				
	1Hz	to	1100MHz	

Parameter/instrument	Range
<b>LCR METER</b>	
<b>AC RESISTANCE</b>	1 $\Omega$ to 10 k $\Omega$
<b>Capacitance</b>	100 pF to 100 $\mu$ F
<b>Inductance</b>	100 $\mu$ H to 10 H
<b>POWER METER</b>	
<b>DC POWER</b>	0.1 W to 20kW
<b>AC POWER</b>	4 W to 6kW
<b>Oscilloscope</b>	
<b>DC Voltage</b>	1 mV to 25 V
<b>AC Voltage</b>	1 mV to 25 V
<b>Bandwidth</b>	50 kHz to 1.1 GHz
<b>Time Base</b>	1 ns to 5 s
<b>Temperature calibrator</b>	
<b>Source mode</b>	
<b>RTD</b>	-200°C to 800°C
<b>THERMOCOUPLE</b>	
E-Type	-200°C to 1000°C
B-Type	600°C to 1800°C
J-Type	-200°C to 1200°C
K-Type	-200°C to 1340°C
N-Type	-200°C to 1300°C
R-Type	0°C to 1750°C
S-Type	0°C to 1750°C
T-Type	-200°C to 400°C
<b>Dc Voltage</b>	0.1mV to 1000V
<b>Dc Current</b>	30 $\mu$ A to 20A
<b>DC resistance</b>	0.001 $\Omega$ to 1000M $\Omega$

Parameter/instrument	Range
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Parameter/instrument	· range ·
<b>Temperature calibrator</b>	
<b>Measure Mode</b>	
<b>RTD</b>	-200°C to 850°C
<b>THERMOCOUPLE</b>	
E-Type	-200°C to 1000°C
B-Type	450°C to 1800°C
J-Type	-200°C to 1200°C
K-Type	-200°C to 1350°C
N-Type	-200°C to 1300°C
R-Type	0°C to 1750°C
S-Type	0°C to 1750°C
T-Type	-200°C to 400°C
<b>Dc Voltage</b>	0.1mV to 1000V
<b>Dc Current</b>	1 μA to 10A
<b>DC resistance</b>	0.005Ω to 1000M Ω
<b>Multifunction calibrator</b>	
<b>Source</b>	
<b>RTD</b>	-200°C to 800°C
<b>THERMOCOUPLE</b>	
E-Type	-200°C to 1000°C
B-Type	600°C to 1800°C
J-Type	-200°C to 1200°C
K-Type	-200°C to 1340°C
N-Type	-200°C to 1300°C
R-Type	0°C to 1750°C
S-Type	0°C to 1750°C
T-Type	-200°C to 400°C
<b>Dc Voltage</b>	0.1mV to 1000V
<b>Dc Current</b>	30 μA to 20A
<b>DC resistance</b>	0.001Ω to 1000M Ω
<b>Capacitances</b>	220 pF to 100 μF
<b>Frequency</b>	1Hz to 1100MHz

Parameter/instrument	Range
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<b>Multifunction calibrator</b>  <b>Measure</b> <b>RTD</b>  <b>THERMOCOUPLE</b> E-Type B-Type J-Type K-Type N-Type R-Type S-Type T-Type  <b>Dc Voltage</b>  <b>Dc Current</b>  <b>DC resistance</b>  <b>Capacitances</b>  <b>Frequency</b>	-200°C      to      850°C  -200°C      to      1000°C 450°C      to      1800°C -200°C      to      1200°C -200°C      to      1350°C -200°C      to      1300°C 0°C      to      1750°C 0°C      to      1750°C -200°C      to      400°C  0.1mV      to      1000V  1 μA      to      10A  0.005Ω      to      1000M Ω  100 pF      to      100 μF  3Hz      to      1000kHz
<b>Digital Thermometer (Measuring Instrument)</b>  <b>RTD</b>  <b>THERMOCOUPLE</b> E-Type B-Type J-Type K-Type N-Type R-Type S-Type T-Type <b>Dc Voltage</b>  <b>Dc Current</b>  <b>DC resistance</b>  <b>Capacitances</b>  <b>Frequency</b>	-200°C      to      850°C  -200°C      to      1000°C 450°C      to      1800°C -200°C      to      1200°C -200°C      to      1350°C -200°C      to      1300°C 0°C      to      1750°C 0°C      to      1750°C -200°C      to      400°C  0.1mV      to      1000V  1 μA      to      10A  0.005Ω      to      1000M Ω  100 pF      to      100 μF  3Hz      to      1000kHz

Parameter/instrument	Range
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<b>Capacitances box</b>	100 pF	to	100 μF
<b>DC Resistance box</b>	0.005Ω	to	1000M Ω
<b>AC Resistance box</b>	1 Ω	to	100 kΩ
<b>inductance box</b>	100μH	to	10H
<b>High Voltage Source</b>	<b>DC VOLTAGE</b>		
	1kV	to	30kV
	<b>AC VOLTAGE</b>		
	1kV	to	25kV
<b>Insulation Tester/Earth Resistances Tester</b>	100 kΩ	to	100GΩ
	@ (200V to 5kV)		
<b>Multi Product Calibrator(source)</b>			
	<b>DC VOLTAGE</b>	0.1V	to 1000V
	<b>AC VOLTAGE</b>		
	20 Hz to 100kHz	1mV	to 100V
	45Hz to 10kHz	100V	to 1000V
	<b>DC CURRENT</b>	1 μA	to 10A
	<b>AC CURRENT</b>		
	20 Hz to 1 kHz	10 μA	to 100 μA
	45 Hz to 1 kHz	1 mA	to 10 mA
	45 Hz to 10 kHz	10 mA	to 1 A
	45 Hz to 1 kHz	1 A	to 10A
	<b>RTD</b>		
		-200°C	to 850°C
	<b>THERMOCOUPLE</b>		
	E-Type	-200°C	to 1000°C
	B-Type	450°C	to 1800°C
	J-Type	-200°C	to 1200°C
	K-Type	-200°C	to 1350°C
	N-Type	-200°C	to 1300°C
	R-Type	0°C	to 1750°C
	S-Type	0°C	to 1750°C
	T-Type	-200°C	to 400°C

<b>Parameter/instrument</b>	<b>Range</b>

<b>Multi Product Calibrator</b>			
<b>DC resistance</b>	0.005Ω	to	1000M Ω
<b>Capacitances</b>	100 pF	to	100 μF
<b>Frequency</b>	3Hz	to	1000kHz
<b>Ammeter/Voltmeter (COVER RANGE AS PER CT/PT RATIO)</b>			
<b>DC Voltage</b>	0.1mV	to	1000V
<b>AC Voltage</b> 50Hz	1mV	to	1000V
<b>DC CURRENT</b>	1 μA	to	20 A
<b>Ac current</b> 50 Hz	30 μA	to	20A
<b>AC/DC POWER SOURCE</b>			
<b>DC VOLTAGE</b>	0.1V	to	1000V
<b>AC VOLTAGE</b> 20 Hz to 100kHz	1mV	to	100V
45Hz to 10kHz	100V	to	1000V
<b>DC CURRENT</b>	1 μA	to	10A
<b>AC CURRENT</b> 20 Hz to 1 kHz	10 μA	to	100 μA
45 Hz to 1 kHz	1 mA	to	10 mA
45 Hz to 10 kHz	10 mA	to	1 A
45 Hz to 1 kHz	1 A	to	10A
<b>FREQUENCY GENERATOR</b>			
<b>Frequency</b>	3Hz	to	1000kHz
<b>FREQUENCY METER</b>			
<b>Frequency</b>	1Hz	to	1100MHz
<b>OHM METER</b>			
<b>Resistance</b>	0.001Ω	to	1000M Ω

Parameter/instrument	Range
Temperature Controller/Indicator/Data logger	

	<b>RTD</b>	-200°C	to	850°C
	<b>THERMOCOUPLE</b>			
	E-Type	-200°C	to	1000°C
	B-Type	450°C	to	1800°C
	J-Type	-200°C	to	1200°C
	K-Type	-200°C	to	1350°C
	N-Type	-200°C	to	1300°C
	R-Type	0°C	to	1750°C
	S-Type	0°C	to	1750°C
	T-Type	-200°C	to	400°C
	<b>Dc Voltage</b>	0.1mV	to	1000V
	<b>Dc Current</b>	1 μA	to	10A
	<b>DC resistance</b>	0.005Ω	to	1000M Ω
<b>Digital Meter</b>	<b>Dc Voltage</b>	0.1mV	to	1000V
	<b>Dc Current</b>	1 μA	to	10A
	<b>DC resistance</b>	0.005Ω	to	1000M Ω
	<b>Frequency</b>	1Hz	to	1100MHz
	<b>Resistance</b>	0.001Ω	to	1000M Ω
<b>loop calibrator</b>	<b>Dc Voltage</b>	0.1mV	to	1000V
	<b>Dc Current</b>	1 μA	to	10A
<b>Timer/stop watch/counter</b>	<b>Timer</b>	1s	to	86400s