

Technical parameter			
Modle	610D	610E	
basic skills	Range		Precision
DC voltage	600mV/6V/60V/600V	600mV/6V/60V/600V	±(0.5%+5)
	1000V	1000V	±(0.8%+5)
AC voltage	600mV/6V/60V/600V	600mV/6V/60V/600V	±(0.8%+5)
	750V	750V	±(1.0%+5)
	VFD(750V)	VFD(750V)	±(2.0%+5)
DC current	*	60A/600A/1000A	±(2.5%+8)
AC current	60A/600A/1000A	60A/600A/1000A	±(2.5%+8) VFD/INRUSH: ±(5.0%+10)
Resistance	600Ω/6kΩ/60kΩ/ 600kΩ/6MΩ/60MΩ	600Ω/6kΩ/60kΩ/ 600kΩ/6MΩ/60MΩ	±(1.0%+5)
Capacitance	10nF/100nF/1000nF/ 10uF/100uF/1000uF/10mF	10nF/100nF/1000nF/ 10uF/100uF/1000uF/10mF	±(4.0%+5)
	100mF	100mF	±(5.0%+10)
Frequency/Duty Cycle	10Hz/100Hz/1000Hz/ 10KHz/100KHz/1000KHz	10Hz/100Hz/1000Hz/ 10KHz/100KHz/1000KHz	±(1.0%+3)
	10MHz 1~99%	10MHz 1~99%	±(3.0%+3)
Temperature	-20°C ~0°C	-20°C ~0°C	±3°C
	0°C~400°C	0°C~400°C	±1.0% or ±2°C
	400°C~1000°C	400°C~1000°C	±2%
	-4°F~32°F	-4°F~32°F	±6°F
	32°F~752°F	32°F~752°F	±1.0% or±4°F
	752°F~1832°F	752°F~1832°F	±2%
Features			
Display	LCD display		
Max display	6000 counts		
Diode	√		
Data retention	√		
NCV	√		
Fire detection	√		
Low voltage	√		
Flashlight	√		
True effective value	√		
INRUSH	√		
VFD	√		
Max/MIn	√		
LoZ	√		
Working humidity	0~40°C <80%		
Storage humidity	-10~50°C <80%RH		
Auto shut-down	About 15 minutes		
Over-range display	The highest digit shows OL		
Unit symbol	√		
Open jaws	40mm		
input resistance	10MΩ		
Sampling rate	3 times/sec		
Power supply	Three AAA batteries		