

Models	UT139A	UT139B	UT139C	UT139S	UT191E	UT191T	UT15B PRO	UT17B PRO	
Page	071	071	071	071	074	074	055	055	
DC voltage (V)	600V	600V	600V	600V	600V	600V	1000V	1000V	
AC voltage (V)	600V	600V	600V	600V	600V	600V	1000V	1000V	
DC current (A)	10A	10A	10A	10A	20A	20A	10A	10A	
AC current (A)	10A	10A	10A	10A	20A	20A	10A	10A	
Resistance (Ω)	20MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	
Capacitance (F)		100mF	100mF	100mF	60mF	60mF	6000μF	6000μF	
Frequency (Hz)		10MHz	10MHz	10MHz	1MHz	1MHz		100KHz	
Temperature (°C)			-40°C~1000°C	-40°C~1000°C		-40°C~400°C		-55°C~500°C	
<b>Features</b>									
Display count	2000	4000	6000	6000	6000	6000	6000	6000	
Diode/continuity	●	●	●	●	●	●	●	●	
Low battery indication	●	●	●	●	●	●	●	●	
Data hold	●	●	●	●	●	●	●	●	
Auto power off	●	●	●	●	●	●	●	●	
LCD backlight	●	●	●	●	●	●	●	●	
Duty cycle		●	●	●	●	●		●	
Relative mode	●	●	●	●	●	●	●	●	
NCV	●	●	●	●			●	●	
Auto range	●	●	●	●	●	●	●	●	
Max/min	●	●	●	●	●	●	●	●	
Peak hold					●	●			
True RMS	●	●	●	●	●	●	●	●	
<b>Special Features</b>									
Analog bar graph				●	●	●			
Low pass filter(LPF)				●	●	●			
VFC	●	●	●				●	●	
LoZ				●	●	●			
<b>Safety Features</b>									
Drop test	1m	1m	1m	1m	2m	2m	1m	1m	
Safety rating	CAT III 600V						CAT III 1000V/CAT IV 600V		
Certificates	CE/UKCA/cETLus				CE/UKCA/GS/cTUVus		CE/UKCA/cETLus		

Specifications	Range	UT191E	UT191T
<b>Certificates</b>	<b>CE, UKCA, GS, cTUVus</b>		
DC voltage (V)	600V	$\pm(0.2\%+5)$	$\pm(0.2\%+5)$
AC voltage (V)	600V	$\pm(1\%+3)$	$\pm(1\%+3)$
LoZ ACV (V)	600V	$\pm(2\%+3)$	$\pm(2\%+3)$
ACV LPF	600V	$\pm(2\%+5)$	$\pm(2\%+5)$
DC current (A)	20A	$\pm(0.8\%+3)$	$\pm(0.8\%+3)$
AC current (A)	20A	$\pm(1\%+3)$	$\pm(1\%+3)$
Resistance ( $\Omega$ )	60M $\Omega$	$\pm(0.8\%+2)$	$\pm(0.8\%+2)$
Capacitance (F)	60mF	$\pm(3\%+5)$	$\pm(3\%+5)$
Frequency (Hz)	10Hz~1MHz	$\pm(0.1\%+4)$	$\pm(0.1\%+4)$
Duty cycle	0.1%~99.9%	$\pm(2\%+5)$	$\pm(2\%+5)$
Temperature ( $^{\circ}\text{C}$ )	-40 $^{\circ}\text{C}$ ~400 $^{\circ}\text{C}$ (0.1 $^{\circ}\text{C}$ resolution)		$\pm(1\%+20)$
Temperature ( $^{\circ}\text{F}$ )	-40 $^{\circ}\text{F}$ ~752 $^{\circ}\text{F}$ (0.2 $^{\circ}\text{F}$ resolution)		$\pm(1\%+40)$
ACV peak hold		$\pm(2\%+100)$	$\pm(2\%+100)$
Peak current detection		$\pm(3\%+100)$	$\pm(3\%+100)$
Display count	6000		
Sampling rate	3 times/second		
Sampling rate	3 times/second		
Analog bar graph	31 sections		
AC voltage frequency response	45Hz~400Hz		
AC current frequency response	45Hz~400Hz		
Category ratings	CAT III 600V, IP65		



UT191T

Features	
Measurement setting saved after power reset	Diode/Continuity test
Auto/Manual range	True RMS/Peak value measurement
Auto backlight/Flashlight	Auto power off
Low battery indication	Data hold/MAX/MIN
Function selection (SELECT)	20A current measurement
IP65, 2m drop proof	LoZ AC measurement
Precise temperature measurement with resolution of 0.1 $^{\circ}\text{C}$ (UT191T)	

Characteristics	
Standard accessories	Test lead, battery, carrying bag, point contact temperature probe (UT191T), English manual
Power	9V battery
Display	58 x 42mm
Product size	180 x 87 x 59mm
Product net weight	428g
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	535 x 315 x 335mm
Standard carton gross weight	9.2kg