

Digital Meters



Type / Characteristics	UT70A	UT71A	UT71D	UT71E	M830B	M830BUZ	M890C	M890F
DC voltage	0~1000 V	0~1000 V	0~1000 V	0~1000 V	0~1000 V	0~1000 V	0~1000 V	0~1000 V
AC voltage	0~750 V	0~1000 V	0~1000 V	0~1000 V	0~750 V	0~750 V	0~750 V	0~750 V
Bandwidth AC		100 kHz	100 kHz	100 kHz				
DC current	0~10 A	0~10 A	0~10 A	0~10 A	0~10 A	0~10 A	0~20 A	0~20 A
AC current	0~10 A	0~10 A	0~10 A	0~10 A			0~20 A	0~20 A
Temperature	-40°C ~1000°C		-40°C ~1000°C	-40°C ~1000°C			-40°C ~1000°C	
Resistance	0~2000 MΩ	0~20 MΩ	0~40 MΩ	0~40 MΩ	0~2 MΩ	0~2 MΩ	0~200 MΩ	0~200 MΩ
Capacitance	0~100 μF	0~20 mF	0~40 mF	0~40 mF			0~20 μF	0~20 μF
Frequency	0~10 MHz	0~200 MHz	0~400 MHz	0~400 MHz				
Inductance	0~20 H							
TTL	TTL (High > 2.0 V, Low < 0.8 V)							
Duty cycle		10~90%	10~90%	10~90%				
4~20 mA LOOP		0~100%	0~100%	0~100%				
Features								
Fused 10 A	●	●	●	●				
Auto/manual range		Auto	Auto	Auto				
Diode test	●	●	●	●				
Transistors testing	●				●	●	●	●
Continuity buzzer	●	●	●	●		●	●	●
True RMS		●	●	●				
Data hold	●	●	●	●				
Data storage			●	●				
Data read			●	●				
Peak Hold		●	●	●				
Max/Min mode		●	●	●				
Relative value		●	●	●				
Analogue Bar-Graph		●	●	●				
USB		●	●	●				
Sleep mode	●	●	●	●				
Low battery indication	●	●	●	●				
General characteristics								
Power	9V (6F22)	9V (6F22)	9V (6F22)	9V (6F22)	9V (6F22)	9V (6F22)	9V (6F22)	9V (6F22)
LCD size	62x53 mm	73x50 mm	73x50 mm	73x50 mm	15x46 mm	15x46 mm	26x61 mm	26x61 mm
Weight	620 g	384 g	384 g	384 g	150 g	150 g	330 g	330 g
Product size	195x90x40 mm	200x93x40 mm	200x93x40 mm	200x93x40 mm	162x86x33 mm	162x86x33 mm	175x88x40 mm	175x88x40 mm
Standard accessories	test lead, battery, point contact temperature probe, multi-purpose socket, holster, clip	test lead, battery, alligator clip, USB cable, case, clip, software	test lead, battery, point contact tem- perature probe, alligator clip, USB cable, case, clip, software	test lead, battery, point contact tem- perature probe, alligator clip, USB cable, case, clip, power adaptor, software				