

UT696/UT697

Optical Light Source/ Optical Multimeter (Power Meter & LS)

UT696 optical light source can provide 1310nm and 1550nm dual wavelengths to meet specific requirements, it aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance.

UT697 combined with optical light source and optical power meter. Optical power meter measures wavelength range of 800-1700nm and 8 calibrated wavelengths. It offers a quick and accurate testing solution on fiber optics.

- Low battery indication
- Auto power off
- IP65/2m drop proof
- Flashlight (UT696 only)

SPECIFICATION	Description	UT696	UT697
Certificates	CE, RoHS		
Optical power meter			
Wavelength range	800nm-1700nm		
Calibrated wavelength	850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, 1650nm		
Measurement range	-70~10dBm		V
Uncertainty	±5%		
Display resolution	Linear: 0.1%, logarithmic: 0.01dBm		
Connector	FC		
Detector type	InGaAs		
Light source			
Wavelength	Dual wavelength: 1310nm, 1550nm		
Typical output optical power	-4dBm		
Adjustable output optical power	-4dBm, -6dBm, -8dBm, -10dBm		
Internal modulation	0Hz/270Hz/1000Hz/2000Hz	V	V
Luminescent device	FP-LD		
Connector	FC (optional: SC/ST)		

GENERAL CHARACTERISTICS	
Power	1.5V battery (LR6) x 3
Display	63mm x 40mm
Product net weight	300g
Product size	189mm x 87mm x 45mm
Standard accessory	Batteries, carrying bag, English manual
Standard individual packing	Gift box
Standard quantity per carton	10pcs
Standard carton measurement	295mm x 250mm x 210mm
Standard carton gross weight	5.66kg



● UT696



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UT701

Single Function Temperature Calibrator

- Up to 0.05% output accuracy
- 6 digit display
- Output functions: DC voltage, resistance, thermocouple, and thermal resistance
- 10 thermocouple scales
- 4 thermal resistance scales
- High precision automatic cold junction compensation for thermocouple outputs
- Manual stepping and automatic stepping and ramping
- Stores and recalls setups



● UT701

Type	Range	Accuracy
Certificates		
CE, RoHS		
DC (mV)		
	100mV	±(0.05%+20)
	1000mV	±(0.05%+3)
Resistance (Ω)		
	500Ω	±(0.05%+2)
	5000Ω	±(0.05%+2)
Thermocouples		
J	-20~1200°C (-328~2192°F)	±0.7°C
K	-200~1370°C (-328~2498°F)	±1°C
T	-200~400°C (-328~752°F)	±0.8°C
E	-200~950°C (-328~1742°F)	±0.7°C
R	-20~1750°C (-4~3182°F)	±1.4°C
S	-20~1750°C (-4~3182°F)	±1.5°C
B	600~1800°C (1112~3272°F)	±1.4°C
N	-200~0~1300°C (-328~2372°F)	±0.9°C
Wre325	0~2000°C (32~3632°F)	±1.8°C
Wre526	0~2300°C (32~4172°F)	±1.8°C
RTDs		
Pt10	-200~850°C (-328~1562°F)	±(0.5%+6°C)
Pt100	-200~850°C (-328~1562°F)	±(0.05%+0.6°C)
Cu50	-50~150°C (-58~302°F)	±(0.05%+0.6°C)
Cu100	-50~150°C (-58~302°F)	±(0.05%+0.6°C)
Ramp functions		
	Source functions: voltage, resistance, temperature	
	Ramps: slow ramp, fast ramp, 25% step-ramp	
Step functions		
	Source functions: voltage, resistance, temperature	
	Steps: 25% of range, 100% of range	

GENERAL CHARACTERISTICS	
Power	9V battery (6F22)
Display	63mm x 40mm
Product net weight	410g
Product size	96mm x 193mm x 47mm
Standard accessory	Test leads, battery, English manual
Standard individual packing	Gift box, cloth bag
Standard quantity per carton	5pcs
Standard carton measurement	325mm x 225mm x 285mm
Standard carton gross weight	4.5kg