

UNI-T®



UPO2102E Ultra Phosphor Oscilloscope

Specifications	
Model	UPO2102E
Bandwidth	100MHz
Channels	2
Sampling rate	1GS/s
Memory depth	56Mpts (single channel)
Waveform capture rate	83,000wfms/s
Time base scale (s/div)	5ns/div~50s/div
Input impedance	(1M Ω \pm 2%) (20pF \pm 3pF)
Vertical scale (V/div)	1mV/div~20V/div (1M Ω)
Waveform record	65,000 Frames
Trigger types	Edge, pulse width, runt, window, N-edge, delay, timeout,duration, setup/hold, slope, video, code
Waveform operations	A+B, A-B, AxB, A/B, FFT, logic operation, advanced
Auto measurements	Peak-Peak, Amplitude, Maximum, Minimum, Top, Bottom, Mean, Middle, Cycle Mean,RMS, Cycle RMS, Area, Cycle Area, Overshoot, Preshoot, Frequency, Cycle, Rise Time,Fall Time, Positive Pulse, Negative Pulse, Positive Duty Ratio, Negative Duty Ratio,Delay A->B (Rising edge), Delay A->B (Falling edge), Delay B->A (Rising edge), Delay B->A (Falling edge).
Number of measurements	Display 5 measurements at the same time
Measurement statistics	Average, Max, Min, Standard Deviation, Number of Measurements
Frequency counter	Hardware 6 bits counter (Channels areselectable)
Standard interfaces	USB-Host, USB-Device, LAN, AUX (Trig Out, Pass/Fail)
General Characteristics	
Power	100V~240VAC, 50Hz/60Hz
Display	8 inches TFT color LCD Display with WVGA (800x480) resolution
Product color	White and grey
Product net weight	3.5kg
Product size	336mmx164mmx108mm

Standard accessories	Probex2/4 (1x, 10x switchable), Power cord, USB cable
Standard individual packing	Carton box
Standard quantity per carton	2pcs
Standard carton measurement	450mm×420mm×280mm
Standard carton gross weight	9.7kg
Specifications	
Model	UPO2072E
Bandwidth	70MHz
Channels	2
Sampling rate	1GS/s
Memory depth	56Mpts (single channel)
Waveform capture rate	83,000wfms/s
Time base scale (s/div)	5ns/div~50s/div
Input impedance	(1MΩ±2%) (20pF±3pF)
Vertical scale (V/div)	1mV/div~20V/div (1MΩ)
Waveform record	65,000 Frames
Trigger types	Edge, pulse width, runt, window, N-edge, delay, timeout,duration, setup/hold, slope, video, code
Waveform operations	A+B, A-B, A×B, A/B, FFT, logic operation, advanced
Auto measurements	Peak-Peak, Amplitude, Maximum, Minimum, Top, Bottom, Mean, Middle, Cycle Mean,RMS, Cycle RMS, Area, Cycle Area, Overshoot, Preshoot, Frequency, Cycle, Rise Time,Fall Time, Positive Pulse, Negative Pulse, Positive Duty Ratio, Negative Duty Ratio,Delay A->B (Rising edge), Delay A->B (Falling edge), Delay B->A (Rising edge), Delay B->A (Falling edge).
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