

# UNI-T®



## UPO3254E Ultra Phosphor Oscilloscope

Specifications	
Model	UPO3254E
Analog bandwidth	250MHz
Channels	4
Sampling rate	2.5GS/s (Single channel), 1.25GS/s (Dual channels/Four channels)
Memory depth	Each channel: auto, 7kpts, 70kpts, 700kpts, 7Mpts, 70Mpts selectable (open the 4 channels at the same time)

Waveform capture rate	200,000wfms/s
Time base scale (s/div)	2ns/div~40s/div (Real-time sampling rate, memory depth display) 【Step by 1-2-4 stall】
Input impedance	(1M $\Omega$ ±1%)    (18pF±3pF)
Vertical scale (V/div)	1mV/div~20V/div (1M $\Omega$ )
DC gain accuracy	<5mV: ±3%, ≥5mV: ±2%
Waveform record	Single channel: 100,000 frames; Adjustable interval: 1.00ms~1000s
Trigger types	Edge, Runt, Window, Nth Edge, Delay, Overtime, Duration, Setup/Hold, Pulse Width, Slope, Video, Code RS232/UART, I2C, SPI, USB, CAN, LIN, FlexRay
Bus decode	RS232/UART, I2C, SPI, USB, CAN, LIN, FlexRay
Waveform operations	A+B, A-B, AxB, A/B, FFT, editable advanced and logical operations
Auto measurements	Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, CycRMS, Period, Freq, Rise, Fall, Rise Delay, Fall Delay, +Width, -Width, FRR, FRF, FFR, FFF, LRF, LRR, LFR, LFF, +Duty, -Duty, Area, CycA OverSht, PreSht, Phase, 34 parameters in total
Measurement display	5 types
Measurement statistics	Average, Max, Min, standard deviation and number of measurements
Frequency counter	6 bits
Interfaces	Standard: USB Host, USB Device, LAN, EXT Trig, AUX Out (Trig Out, Pass/Fail), VGA Optional: AWG
<b>General Characteristics</b>	
Power	100V~240V ACrms, 50Hz/60Hz
Display	8-inch TFT LCD, WVGA (800 x 480)
Product color	White and grey
Product net weight	4.2kg
Product size	370mm x 195mm x 125mm
Standard accessories	Probe x 2/4 (1x, 10x switchable), power cord, USB interface cable, PC software CD
Standard individual packing	Carton box
Standard quantity per carton	2pcs
Standard carton measurement	490mm x 480mm x 300mm
Standard carton gross weight	11kg

