

UTD2000CEM/CEX-II SERIES DIGITAL STORAGE OSCILLOSCOPES



● UTD2102CEX-II

- 2 channels
- 70MHz/100MHz bandwidth; 1GSa/s real-time sampling rate
- Up to 28Mpts memory depth
- Calibration signal output: 10Hz, 100Hz, 1kHz (by default), 10kHz or 100kHz
- Max 10Mpts waveform record
- 8-inch TFT LCD, WVGA (800×480)

	UTD2072CEM	UTD2102CEM	UPO2072CEX-II	UTD2102CEX-II
Bandwidth	70MHz	100MHz	70MHz	100MHz
Channels	2			
Sampling rate	1GS/s (single channel), 500MS/s (dual channels)			
Rise time	≤5ns	≤3.5ns	≤5ns	≤3.5ns
Memory depth	28Mpts		25kpts	
Waveform capture rate	≥20,000wfms/s			
Vertical scale (V/div)	1mV/div~20V/div (1MΩ)			
Time base scale (s/div)	2ns/div~50s/div			
Input impedance	(1MΩ±2%)/(22pF±3pF)			
Storage methods	Setup, wave, bitmap			
Trigger types	Edge, pulse width, slope, video, runt, window			
Waveform operations	A+B, A-B, A×B, A/B, FFT			
Auto measurements	Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, CycRMS, Period, Freq, Rise, Fall, RiseDelay, FallDelay, +Width, -Width, FRR, FRF, FFR, FFF, LRF, LRR, LFR, LFF, +Duty, -Duty, Area, CycArea, OverSht, PreSht, Phase, 34 parameters in total			
Number of measurements	Display 5 measurements at the same time			
Measurement statistics	Average, Max, Min, standard deviation, number of measurements			
Frequency counter	6 bits			
Interfaces	USB-OTG, Pass/Fail			
Power	100~240V ACrms, 50Hz/60Hz			
Display	8-inch TFT LCD, WVGA (800 x 480)			
Product color	White and grey			
Product net weight	3.5kg			
Product size	336mm x 164mm x 108mm			
Standard accessories	Probe x 2 (1x, 10x switchable), power cord, USB interface cable			
Standard individual packing	Carton box			
Standard quantity per carton	2pcs			
Standard carton measurement	450mm x 420mm x 280mm			
Standard carton gross weight	8kg			