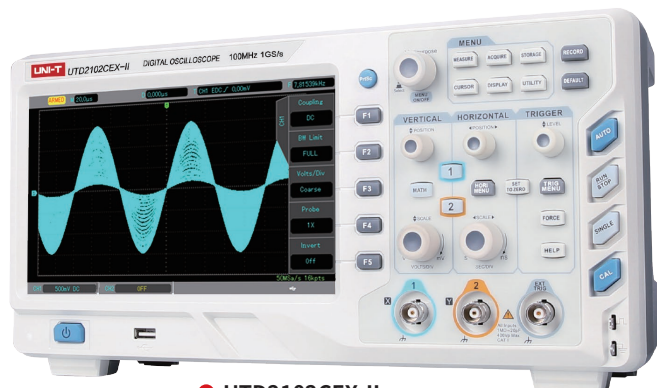


## UTD2000CEM/CEX-II SERIES DIGITAL STORAGE OSCILLOSCOPES



● 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   |            |               |               |