



OSCILLOSCOPE UNI-T UTD2202 CEX

The **UNI-T UTD2202CEX** is a digital storage oscilloscope (DSO) designed for a variety of electronic testing and measurement applications. Below are some key features and specifications of this oscilloscope:

Key Features:

1. **Bandwidth:** Typically 200 MHz (confirm the exact bandwidth for your model).
2. **Sample Rate:** Up to 1 GSa/s (Giga Samples per second) in real-time.
3. **Channels:** 2 channels for simultaneous signal measurement.
4. **Display:** 7-inch TFT LCD with a resolution of 800 x 480 pixels.
5. **Memory Depth:** Up to 40 kpts (kilo-points) per channel, which allows for detailed signal analysis.
6. **Waveform Capture Rate:** High waveform capture rate for efficient signal analysis.
7. **Triggering:** Multiple triggering options including edge, pulse width, video, and alternate triggering.
8. **Math Functions:** Built-in math functions like addition, subtraction, multiplication, and FFT (Fast Fourier Transform).
9. **Connectivity:** USB host and device ports for data storage and connectivity with PCs.
10. **Auto Setup:** Automatically adjusts settings for optimal waveform display.
11. **Portable Design:** Compact and lightweight, suitable for both lab and field use.

Applications:

- Circuit debugging and testing
- Signal analysis
- Educational purposes
- Research and development

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- Maintenance and repair of electronic equipment

Included Accessories:

- Probes (usually 10x passive probes)
- Power cable
- User manual
- USB cable (for connectivity)



Pros:

- User-friendly interface
- Good balance of performance and price
- Compact and portable design
- Adequate for general-purpose electronic testing

Cons:

- Limited memory depth compared to higher-end models
- May lack advanced features required for specialized applications

Tips for Use:

- Always use the correct probe attenuation settings (e.g., 10x) to avoid signal distortion.
- Utilize the auto-setup feature for quick waveform display.
- Regularly update the firmware (if available) to ensure optimal performance and access to new features.