



OSCILOSCOPE 2 IN 1 ET120MC2 120MHz 2ch

The **OSCILOSCOPE 2 IN 1 ET120MC2** is a digital oscilloscope with a bandwidth of **120 MHz** and **2 channels**. It is designed for a variety of electronic measurement tasks, offering a combination of portability and functionality. Below are some key features and specifications you might expect from this device:

Key Features:

1. **Bandwidth:** 120 MHz, suitable for a wide range of electronic signal measurements.
2. **Channels:** 2 channels, allowing you to measure and compare two signals simultaneously.
3. **Sampling Rate:** Typically, such oscilloscopes offer a high sampling rate (e.g., 1 GSa/s or higher) to capture fast signal changes accurately.
4. **Display:** Likely features a color LCD screen for clear visualization of waveforms.
5. **Waveform Capture:** Supports real-time waveform capture and analysis.
6. **Auto-Setup:** Automatic signal detection and setup for quick measurements.
7. **Probes:** Comes with standard passive probes (e.g., 10x attenuation) for signal measurement.
8. **Portability:** Compact and lightweight design, making it suitable for fieldwork or lab use.
9. **Connectivity:** May include USB or other interfaces for data transfer and remote control.
10. **Additional Functions:** Some models may include multimeter functionality, making it a 2-in-1 device (oscilloscope + multimeter).

Common Applications:

- Debugging and testing electronic circuits.
- Measuring voltage, frequency, and time parameters of signals.

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- Analyzing signal integrity and noise.
- Educational purposes in electronics labs.

Specifications (Example):

- **Bandwidth:** 120 MHz
- **Channels:** 2
- **Sampling Rate:** 1 GSa/s (may vary)
- **Display:** 7-inch color LCD
- **Input Impedance:** $1\text{ M}\Omega \pm 2\%$, $15\text{ pF} \pm 5\text{ pF}$
- **Voltage Range:** 2 mV/div to 10 V/div
- **Time Base:** 2 ns/div to 50 s/div
- **Probes:** 10x passive probes included
- **Power Supply:** AC 100-240 V, 50/60 Hz (or battery-powered, depending on the model)



Notes:

- Always refer to the user manual for detailed specifications and safety guidelines.
- Ensure proper grounding and probe calibration for accurate measurements.