

(a) 交流输入信号 U_i 的时间和电压参数的测量图示



The screenshot displays a digital oscilloscope interface. The main display area shows two waveforms on a green grid. The top waveform is a yellow sine wave with a peak-to-peak voltage of 1.00 V and a period of 5.70 mS. The bottom waveform is a blue sine wave with a peak-to-peak voltage of 2.00 V and a period of 12.50 mS. A vertical dashed white line is positioned at the 2.50 mS mark on the top waveform.

On the right side, there are four control panels:

- Trigger:** Includes a Level slider (set to 0), AC/DC coupling (set to DC), a source selector (set to A), and buttons for Auto, One-Shot, and Cursors.
- Channel A:** Includes a Position slider (set to 120), AC/GND/DC coupling (set to GND), an Invert button, and a scale knob (set to 1 mV).
- Channel B:** Includes a Position slider (set to -30), AC/GND/DC coupling (set to GND), an Invert button, and a scale knob (set to 1 mV).
- Channel C:** Includes a Position slider (set to -40), AC/GND/DC coupling (set to GND), an Invert button, and a scale knob (set to 5 mV).

At the bottom, there is a Horizontal control panel with a Source selector (set to A), a Position slider (set to 210), and a scale knob (set to 2 mS).

U0 波幅:4V 周期:10ms