

33209-TE

2 Channel, Pocket oscilloscope with color touch screen. Easy selection and scrolling operation. Designed for students and hobbyists as a great base oscilloscope for general use. Supports Firmware upgrades.

Specifications:

- Analog bandwidth: 1MHz
- Max sample rate : 10MSa/s
- Max sample memory depth : 8K
- Analog input impedance : 1M Ω
- Max input voltage: $\pm 40V$ (X1 probe)
- Coupling : AC/DC
- Vertical Sensitivity: 20mv/Div~10V/Div (In 1-2-5 steps)
- Horizontal sensitivity : 1uS/Div~2S/Div Div (In 1-2-5 steps)
- Math waveforms: -A,-B, A+B, A-B, RecA, RecB, RecC
- Triggering Mode: Auto, Normal, Single, None, Scan
- Rising or Falling Edge Trigger
- Vertical precise, Horizontal Precise Measurement
- Waveform Auto measurement Functions: frequency, cycle time, duty cycle, peak Voltage, RMS voltage, Average voltage and DC voltage
- Signal Generator/10Hz~1MHz square wave (duty adjustable)
- 10Hz~20Khz Sine/Square/Triangle/Sawtooth wave
- U disk Waveform storage of 8MB, can store waveform data and waveform image
- Power supply internal 550mAh Lithium battery/external USB port (~4hr Battery Use)
- Display Full Color TFT LCD(320X240 pixels)
- Capacitive touchscreen: support input by finger sliding
- Dimension (100mm X 56.5mm X 10.7mm)

Environmental:

- Operating Conditions : +0 $^{\circ}C$ to +50 $^{\circ}C$
- Non-operating Conditions : -20 $^{\circ}C$ to +60 $^{\circ}C$
- Operating Conditions : High Temperature : 40 $^{\circ}C$ to 50 $^{\circ}C$, 0% to 60%RH
- Operating Conditions : Low Temperature : 0 $^{\circ}C$ to 40 $^{\circ}C$, 10% to 90%RH
- Non-operating Conditions : High Temperature : 40 $^{\circ}C$ to 60 $^{\circ}C$, 5% to 60%RH
- Non-operating Conditions : Low Temperature : 0 $^{\circ}C$ to 40 $^{\circ}C$, 5% to 90%RH

NOTES:

Observe all terminal ratings. Do not measure signals at DC40V or above. Please read the User Manual carefully to learn more about ratings before connection.

Connect & disconnect properly. Do not plug/unplug when the probe or the test lead is connected to a voltage source. Before you plug/unplug probes, please disconnect power to the circuit under test.