

**Oscilloscope**

Oscilloscope / Multimeter / Signal Generator

Model: 210 220 2060 2061 2100 2101



**Multimeter functions**

Parameters	Range
Full Scale Reading	3(3/4) digit (max 4000-count)
Diode	0V-1.5V
Continuity	√
Input Impedance	10 MΩ
Voltage	DCV: 400mV/ 4V/40V/400V/1000V, accuracy: ± (1% ± 1) ACV: 4V/40V/400V/ 750V, accuracy: ± (2% ± 3)
Current	DC: 40mA/400mA /10A, accuracy: ± (1.5% ± 1) AC: 40mA/400mA/10A, accuracy: ± (1.5% ± 3)
Impedance	400Ω/40KΩ/4MΩ/40MΩ, accuracy: ± (1% ± 1)
Capacitance	51.2nF - 100uF, accuracy: ± (3% ± 3)

**General Information**

Model	210	220	2060	2061	2100	2101
Power Supply	100V-240V AC, 50/60Hz					
Li-ion Battery	7.4V, 6 hours' operation ,3500mAh					
Product Size	115 × 180 × 40 (mm)					
Product Weight	645.00 g					
Standard Accessories	Power Cable/Software CD/USB Cable/Probe/Probe Adjuster/Testing Leads/Adapter/Manual/5V,1KHz Output/Tool Case/Capacitance Exit Module					

**Specifications**

Model	210	220	2060	2061	2100	2101
Bandwidth	20MHz	20MHz	60MHz	60MHz	100MHz	100MHz
Channel	1	2	1	2	1	2
Sample Rate (real time)	100MS/s	100MS/s	500MS/s	500MS/s	1GS/s	1GS/s
Rise Time (at input, typical)	≤ 17.5ns	≤ 17.5ns	≤ 5.8ns	≤ 5.8ns	≤ 3.5ns	≤ 3.5ns
Record Length	6K	6k	24K	6K	24k	6k
Horizontal Scale (s/div)	5ns/div~100s/div, step by 1 ~ 2.5 ~ 5					
Input Coupling	DC, AC, and GND					
Display	3.7" color TFT display (640 × 480 pixels)					
Interpolation	sin(x)/x					
Probe Attenuation Factor	1x,10x,100x,1000x					
DC Accuracy (Average)	average >16 : ±(5% reading + 0.05div) for ΔV					
Vertical Sensitivity	5mV/div~5V/div (at BNC input)					
Vertical Resolution (A/D)	8 bits					
Max Input Voltage	400V (PK - PK) (DC + AC, PK - PK, 1MΩ input impedance, probe attenuation 10: 1), CAT II					
Trigger Type	Edge, Video, and Alternate					
Trigger Level	±6 divisions from screen center					
Trigger Mode	Auto/Normal/Single					
Acquisition Mode	Sample, Peak detect, and average					
DC Gain Accuracy	±3%					
Auto Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Vamp, Overshoot, Preshoot, Rise Time, Fall Time, +Width, -Width, +Duty, -Duty, Delay A→B, Delay A→B					
Waveform Storage	4 waveforms					
Waveform Math	+, -, ×, ÷, invert, FFT					
Communication Interface	USB		mini-USB/mini-RS232			