

FEATURE

- Vertical dual channel input bandwidth 60, 100, 200MHz
- Sweep base time rate: 50s/div~2.5ns/div, Real time Sampling rate: 200MS/s, Equivalent sampling rate: 10GS/s
- Playback, zoom and cursor
- Auto measure to waveform parameter
- Waveform math
- Auto, edge, external, video pulse width, trigger mode
- Recorder function
- Multimeter function
- RS232 interface
- To observe the measurement and storage of the waveform, AC/DC voltage and resistance.

SPECIFICATIONS

Model	7200	7100	7060	7040
Vertical system				
Channels	CH1, CH2			
Input coupling	AC,DC			
Frequency Bandwidth	200MHZ	100MHZ	60MHZ	40MHZ
Rising time	≤ 1.75 ns	≤ 3.5 ns	≤ 5.8 ns	≤ 8.7 ns
Deflection coefficient	2mV/div ~ 50V/div, 1-2-5			
Rising impedance	10%			
Polarity	normal, invert			
Input impedance	1MΩ (± 2%) // 18pF(± 4pF)			
Max. input voltage	400V (DC + AC peak) ≤ 400Hz			
Vertical accuracy	± (3% + 1pels), 2mV/div ± (5% + 1pels)			
Vertical resolution	8bit			
Channel isolation	≤ 20:1(50MHz)			
Display range	± 4div			
Open circuit noise	≤ 0.4div (in standard 5mV/div)			
Probe				
Input impedance	1MΩ (± 3%) // 15pF (± 5pF)			
Max. input voltage	400V (DC + AC peak) ≤ 400Hz			
Attenuating times	10:1 error: within ± (5% + 1pels)			
Frequency width	DC ~ 200MHz - 3dB (5mV/div)			
Rising time:	1.75ns (5mV/div ~ 0.5V/div)			
Horizontal				
Swept time base	Role 50s ~ 100ms/div			
Normal	50ms ~ 250ns/div			
Equivalent	100ns ~2.5ns/div			
Sampling	Real time 200MSa/s, Equivalent 10GSa/s			
Resolution	100ps			
Collection length	32k dot /CH			
Horizontal mode	Main timebase, main timebase + window magnification(× 2,× 5,× 10)			
Cursor readout	± (1% read no. +1 pels)			
Display range	± 5div			



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Trigger	
Trigger source	CH1, CH2, EXT
Trigger sensitivity	Inner 2div, external 200mVp-p
Trigger mode	Normal, Auto, Auto measurement, single, edge, TV-V, TV-H, pulse width
LF restrain	Trigger sensitivity normal less than 10KHz and beyond 100KHz Attenuation
HF restrain	Attenuation more than 100KHz , DC ---10KHz trigger sensitivity
Trigger level range	± 4div
EXT trigger	
Input impedance	1MΩ ± 5% // 20pF ± 2Pf
Bandwidth	500kHz
Mode	auto, edge
Trigger level	200mVp-p
TV trigger	TV-V 2div TV-H 2div
Storage	
Storage number	5
Digital Multimeter	
Input impedance	10MΩ
Voltage measurement	(notice: input voltage can not exceed 600V)
Range	400mV (0.1mV), 4V (0.001mV), 40V (0.01mV), 400V (0.1mV)
DC accuracy(full)	400 mV ± (2% + 10 digits), beyond 400 mV ± (2% + 5 digits)
Frequency	50Hz-400Hz
Resistance measurement	
Range	400Ω (0.1Ω), 4kΩ (0.001kΩ), 40kΩ (0.01kΩ), 400kΩ (0.1kΩ), 4MΩ (1kΩ), 20MΩ (0.01MΩ)
Accuracy(full)	400Ω ± (2% + 10 digits), 4KΩ, 40KΩ, 400KΩ, 4MΩ ± (2% + 5 digits), 20MΩ ± (5% + 10 digits)
Current measurement (not optioned by current probe)	
Range	4mA, 40mA, 400mA , 4A
DC accuracy(full)	40mA, 400mA ± (3% + 5 digits), 4mA, 4A ± (5% + 10 digits)
AC accuracy(full)	40mA, 400mA ± (3% + 10 digits), 4mA, 4A ± (5% + 20 digits)
Short circuit	judge resistance <40Ω (buzzer)
Screen	
Display area	132mm (5.7 inch)
Resolution	320 (horizontal) × 240 (vertical) single color (LCD display)
Backlight	CCFL backlight adjustable

Physical characters	
Power supply	AC 100V-240V/45HZ-60HZ
Lithium battery	7.2V/4A,work time last 4 hours
Dimension	64H × 169W × 254D(mm)
Weight	About 1.8kg

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