

Hitachi V1100A



100 MHz Quad Channel Oscilloscope

- **Features Include:**
 - * 4 Channels
 - * 8-Trace
 - * Delayed Sweep
 - * CRT Readout
 - * Digital Measurement

CRT Readout Function	
Direct Measurement through CH 1 input	ACV RMS, ACV Relative, DCV Deflection, Frequency Counter
Cursor Measurement	Ground reference voltage, Voltage difference, Voltage difference ratio, Time difference, Phase difference, Frequency
Ground reference display	GND level for CH 1 and CH 2 displayed with waveforms
Setting Conditions Display	Vertical Deflection: Scale Value for CH1 and CH2, 10:1 probe display
	Horizontal Deflection: Scale Value for time base A and B, UNCAL, MAG
	Other: A and B trigger source, X - Y, Delay Time
User- Defined Comment Display	1 line up to 30 characters

Vertical Deflection		
Sensitivity	CH 1 and CH 2	5 mV/div to 5 V/div (1 mV/div , 2mV/div when using magnifier)
	CH 3 and CH 4	0.1 V/div, 0.5 V/div
Bandwidth	DC to 100 MHz, DC to 15 MHz when using x5 magnifier	
Rise Time	3.5 ns	
Input	CH 1 and CH 2: AC, GND, DC	
Coupling	CH 3 and CH 4: AC, DC	
Input Impedance	1 M ohm approximately 28 pF	
Display Mode	CH 1, CH 2 (normal or invert). ALT. CHOP, ADD (CH 1 and CH 2), QUAD (ALT, CHOP)	

X - Y Operation (CH 1: X-axis, CH 2: Y-axis)	
Sensitivity	5 mV/div to 5 V/div
	1 mV/div, 2 mV/div when using x5 magnifier
Bandwidth	DC to 2 MHz

Horizontal Deflection	
A Sweep Time Range	20 ns/div to 0.5 s/div
	2 ns/div to 10 ns/div when using x10 amplifier
B Sweep Time Range	20 ns/div to 50 ms/div
	2 ns/div to 10 ns/div when using x10 amplifier
Display Mode	A, INTEN (A intensified by B), ALT (A intensified by B and B), B.