

: \pm 40V, \pm 10V/div : \pm 300V
Bandwidth Limit : 20MHz (-3dB)

Trigger :

Sources : CH1, CH2, LINE, EXT
Modes : Auto, Normal, Single, TV, Edge, Pulse Width
Coupling : AC, DC, LF rej, HF rej, Noise rej,
Sensitivity : DC ~ 25MHz : Approx. 0.5 div or 5mV
25MHz ~ 50/70/100MHz : Approx. 1.5 div or 15mV

Ext. Trigger :

Range : \pm 15V
Sensitivity : DC ~ 25MHz : ~ 50mV; 25M ~ 50/70/100MHz : ~ 15mV
Input Impedance : 1M Ω \pm 2%, ~ 16pF
Input : 300V (DC AC peak), CAT II

Horizontal :

Range : 1ns/div ~ 50s/div (1-2-5 increments) : ROLL : 50ms/div ~ 50s/div
Modes : Main, Window, Window Zoom, Roll, X-Y
Accuracy : \pm 0.01%
Pre-Trigger : 10 div max.
Post trigger : 1000 div

X-Y Mode :

X-Axis Input : Channel 1
Y-Axis Input : Channel 2
Phase shift : \pm 3 $^\circ$ at 100 KHz

Signal Acquisition :

Real Time Sample Rate : 250MSa/s
Equivalent Sample Rate : 25GSa/s
Vertical Resolution : 8 Bits
Record Length : 4K Dots max.
Acquisition mode : Normal, Peak, Detect, Average
Peak Detection : 10ns (500ns/div ~ 50s/div)
Average : 2, 4, 8, 16, 32, 64, 128, 256

Cursor And Measurement :

Voltage Measurement : Vpp, Vamp, V avg, Vrms, Vhi, Vlo, Vmax, Vmin,
Rise Preshoot / Overshoot, Fall Preshoot / Overshoot
Time measurement : Freq. Period, Rise Time, Positive Width, Negative Width, Duty cycle
Cursor measurement : Voltage difference between cursors (ΔV)
Time difference between cursors (ΔT)

Display :

TFT LCD Type : 5.7 inch
Display Resolution : 234 x 320 Dots
Display Graticule : 8 x 10 divisions
Display Brightness : Adjustable

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