MOS-626/648/658

- 20MHz/40MHz/50MHz dual channel
- High sensitivity 1mV/DIV
- Pulse encoder switch
- Adjustable cursor function, easy to operate
- Visible coordinate measurement method
- Built-in 1000:1 attenuator, expanded vertical sensitivity to 10V~20V/DIV
- ALT triggering function
- Triggering level lock function, automatic synchronization function
- Cursor readout function, measure △V、△T、1/△
- Frequency display


MOS-626

Technical Data		MOS-626/648/658
CRT	Type	6-inch rectangular with internal graticule 8×10DIV[1DIV=10mm]
	Acceleration voltage	Approx.2kV
	Z-axis input	Zin: approx.47kΩ; Vin:≥5Vp-p; BW: DC~2MHz
		Max.input voltage:30V(DC+AC peak) at 1kHz or less
	Trace rotation	Adjusted at front panel
Vertical System	Sensitivity and accuracy	≤3%, 5mV~20V/DIV, 10 steps in 1-2-5 sequence
	Bandwidth	DC~20MHz(×5MAG:DC~7MHz); DC~40MHz(×5MAG:DC~15MHz);
		DC~50MHz(×5MAG:DC~15MHz)
	Rise time	Approx.17.5ns(×5MAG:Approx.50ns) / Approx.8.75ns(×5MAG:Approx.25ns) /
		Approx.7ns(×5MAG:Approx.23.3ns)
	Input impedance	Approx.1MΩ/Approx.25pF
	Maximum input voltage	300Vpeak (AC: frequency 1kHz or lower)
	Input coupling	AC, GND, DC
	Vertical mode	CH1,CH2 ,DUAL(ALT/CHOP) ,ADD,CH2 INV
	Chopping repetition frequency	Approx. 250kHz
Horizontal System	Sweep time	0.2uSec~0.5Sec/DIV , 20 steps in 1-2-5 sequence
	Sweep time accuracy	±3%, ±5% at ×10MAG (20ns~50ns/DIV uncalibrated)
	Sweep magnification	10 times
	Max. sweep time	20ns/DIV
	Linearity	±5%, ×10MAG: ±10%(0.2s~1us)
	Vernier sweep time control	≤1/2.5 of panel-indicated value
Trigger	Trigger mode	AUTO; NORM; TV-V; TV-H
	Trg-level lock	Yes
	Trigger source	CH1,CH2,LINE,EXT
	Trigger coupling	AC:20Hz to full bandwidth
	Trigger slope	"+" or "-"
	Trigger sensitivity	20Hz~2MHz 2MHz~20MHz 20MHz~50MHz
		CH1,CH2 0.5DIV 1.5DIV 3DIV
		ALT 1.5DIV 1.5DIV 3DIV
		EXT 200mV 800mV 1.5V
		TV: Sync pulse more than 1 DIV (EXT:1V)
	EXT trigger input	Input impedance: Approx.1MΩ/approx.25pF
		Max.input voltage:300V (DC+AC peak), at 1kHz
X-Y Mode	Sensitivity	5mV-5V/DIV, ±4%
	X-axis bandwidth	DC ~500kHz
	phase error	≤3°at DC~50kHz
Cursor Measurement System	Cursor measurement function	⊿T,1/⊿T, ⊿V, F, P (X, Y)
	Cursor resolution	1/25DIV
	Effective cursor range	Vertical: ±3div; Horizontal: ±4div
	Panel setting diaplay	V/DIV, AC/DC/GND, CH1, CH2, INV, ALT, CHOP, ADD, UNCAL;
		×10MAG, probe factor(×1/×10); X-Y, AT/D, TV-V/H
Output Signal	CH1 signal output	At least 20mV/DIV into 50Ω termination. Bandwidth is 50Hz to at least 50MHz.
	Calibration output	1kHz square wave, 2Vp-p±2%
Frequency Counter		5 digits CRT , display accuracy: 0.1%
	Power Source	AC220V±10%(standard), AC110/220V±10%(optional), 50/60Hz, approx.35VA
	Dimension/Weight	445(D)×310(W)×150(H)mm Approx.8kg