MARS

Analog Oscilloscopes 60MHz (with CRT Readout)

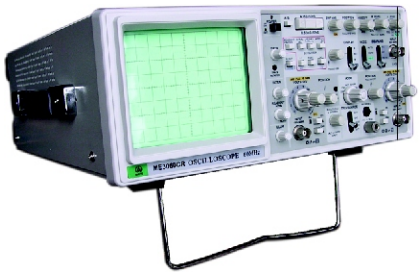
ME 3060

- DC-60MHz(ME 3060) Dual channel/Dual tracing, X-Y mode
- 6" display, high brightness CRT with scale illumination control
- High sensitivity triggering, up to 1mV/divison
- CH1 channel incremental amplification function for clearer display
- TV synchronous separation circuit to observe stable TV signal
- X-x10/Y-x5,
- Polarity reversal, CH 1Sync output

Technical Specifications

CRT	6" Rectangular screen with internal graticule, 8x10 divisions (1div=1cm)	
Vertical deflection	Display mode	CH1, CH2, ADD, ALT, CHOP (CH1, CH2)
	Deflection factor	5mV/div to 5V/div ±3%, 1mV/div to 1V/div ±5%(x5),10 steps
	Rise time	≤5.9ns
	Max. Input voltage	250V (DC+AC peak value) when ≤1KHz (250V, DC+AC)
	Input coupling	AC, DC, GND
	Polarity selection	±(CH2 only)
Horizontal deflection	Display mode	1, 10, X-Y
	Time base	0.2 s/div to 0.2s/div, 9 ranges
	Sweep expansion	x10
	Accuracy	3%
Trigger system	Triggering Mode	Auto, NORM, TV-V, TV-H
	Trigger source	VERT,CH1, LINE, EXT
	Sensitivity AUTO	20Hz~60MHz(VERT)
	and NORM	1.5div INT, 0.8Vp-p EXT
	Frequency TV-H	At least 1div or 1Vp-p
	Input impedance	1M ohm
X-Y Phase Difference		≤3° DC-50KHz
Calibration waveform		Frequency: 1KHz 20%, Voltage: 0.5V 1%
Line Power Supply		230V ±10%, 50Hz
Dimensions		310(W)x130(H), 370(D)mm
Weight		8Kg Approx.

ME 3060CR



- DC-60MHz(ME 3060CR) with CRT readout
- Three channel/six traces with delayed scanning
- CRT digital cursor readout, HOLD OFF function
- CH1: Maximum 400V input voltage
- Scan speed up to 50ns/division
- 6" display cathode ray tube, High sensitivity triggering, up to 1mV/divison
- X-x10/Y-x5, Polarity reversal

Technical Specifications

CRT	6" Rectangular screen with internal graticule, 8x10 divisions (1div=1cm)	
Vertical Deflection	Sensitivity	CH1 or CH2: 2mV/div to 5V/div ±3% (11 ranges),CH3:0.1V/div
	Frequency	DC ~ 60MHz
	Rise time	5.9ns
	Max. Input voltage	400V (DC+AC peak value) when ≤ 1KHz
	Input coupling	CH1, CH2: AC, DC GND and CH3: AC, DC
	Display mode	CH1, CH2, CH3, ADD, ALT, CHOP
	Polar section	± (CH2 only)
	X-Y operation	X axle and Y axle selection
	X-Y Phase Difference	≤ 3°, DC-50KHz
	Bandwidth of X axle	DC-500KHz (-3dB)
Horizontal Deflection	Triggering Mode	NORM, AUTO, TV-V, TV-H
	Triggering source	Ch1, CH2, VERT, EXT
	Triggering level	Adjustable
	AUTO	Automatically synchronized to trigger signal
	NORM	± 4 div
	Sweep time	A: 50ns/div to 5s/div, and B: 50ns/div to 50s/div
	Sweep expansion	X10
	Max. sweep speed	50ns
	Hold off time	Adjustable
	Delay Time	1 s to 5s
	Readout Time	Vertical axle: V/DIV, UNCAL, probe factor
		Sweep speed: S/DIV, UNCAL, MAG
	Cursor readout	V, T, 1/ T
	Calibration wave	Frequency: 1KHz 20%, Voltage: 0.5V 1%
Line Power Supply		230V ±10%, 50Hz
Dimensions		310(W)x130(H), 370(D)mm
Weight		9Kg Approx.

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