

OD-563, OD-565, OD-560



OD-560



OD-565

SPECIFICATIONS	OD - 563	OD - 565	OD - 560
Type	Digital / Analogue		Digital
Vertical amplifiers	DC-30 MHz		DC-100 MHz
Bandwidth (-3dB)	DC-30 MHz		DC-100 MHz
Sensitivity	1mV-20 V/Div		2mV-20 V/Div
Input voltage	Max. 400 V (DC+peak AC)		Max. 300 V (DC+peak AC)
Attenuator	Steps sequence 1-2-5 + 2, 5:1 Variable		Steps sequence 1-2-5
Operating modes	CH1, ±CH2, ADD (CH1+CH2) DUAL (CHOP/ALT)		CH1, ±CH2, ADD (CH1+CH2)
Horizontal deflection	0.2 μs -0.5 s/div in 20 steps sec. 1-2-5		0.2 μs -5 s/div in 20 steps sec. 1-2-5
Sweep rate	0.2 μs -0.5 s/div in 20 steps sec. 1-2-5		0.2 μs -5 s/div in 20 steps sec. 1-2-5
Magnification	x5, x10, x20		
Triggering	AUTO, NORMAL, TV		AUTO, NORMAL, SINGLE, TV, TIME DELAY EVENT DELAY
Triggering mode	AUTO, NORMAL, TV		AUTO, NORMAL, SINGLE, TV, TIME DELAY EVENT DELAY
Source	CH1, CH2, VERT. MODE, LINE (red), EXT		CH1, CH2, LINE (red), EXT
Coupling	AC, LF Rej, HF Rej, TV-V, TV-H		AC, DC, LF Rej, HF Rej, NOISE Rej
X - Y operation	Same as CH1 DC - 500 kHz		Same as CH1
X axis	Same as CH1 DC - 500 kHz		Same as CH1
Y axis	Same as CH2		Same as CH2
Digital acquisition	20 MS/s (2 channels simultaneous)		100 MS/s
Frequency sampling	20 MS/s (2 channels simultaneous)		100 MS/s
Bandwidth	30 MHz		100 MHz
Repetitive Bandwidth	5 MHz		10 MHz
Nonrepetitive Bandwidth	5 MHz		10 MHz
Acquisition memory	2 kW/channel (1 kW/channel from 0.2 to 2 μs/div)		125 k Words/channel
Acquisition modes	NORMAL, AVERAGE, SINGLE, ROLL, HOLD		MAIN, WINDOW, DELAY, AVERAGE, PEAK DETECT, SINGLE, ROLL, X-Y
Screen indications	V/DIV (CH1 - CH2), s/DIV, TRIG, Condition		V/DIV (CH1 - CH2), s/DIV, TRIG, condition, MODE
Panel selections	V/DIV (CH1 - CH2), s/DIV, TRIG, Condition		V/DIV (CH1 - CH2), s/DIV, TRIG, condition, MODE
Marker	dV, dT, 1/dT		dV, dT, 1/dT
Automatic measures			Vh, Vi, Vmax, Vmin, Vavg, Vrms, Trise, Tfall, Duty cyc, Freq, Period, +Width, -Width
Features extended	10		15
Measurement config.memories	10		15
Automatic adjustment			Horizontal, vertical automatic tuning trigger
Waveform reference			Waveform memorization (2 sets)
Interphases	RS232 output		Parallel printing output, RS232, DB-9 output, VGA monitor, OPTIONAL: IEEE-488.2
Cathodic ray tube	8 x 10 divisions (1 div. = 1 cm)		Rectangular 7" 640 x 480 pixels
Area	8 x 10 divisions (1 div. = 1 cm)		Rectangular 7" 640 x 480 pixels
Deflection - Acceleration	Electrostatics, 1.9 kV	Electrostatics, 10 kV	Magnetic, Raster scan
Power supply	100/120/230 VAC + -10% 50/60 Hz		100 a 240 VAC 48/63 Hz
Mains voltage	100/120/230 VAC + -10% 50/60 Hz		100 a 240 VAC 48/63 Hz
Consumption	50 W		85 W
Mechanical features	W. 275 x H. 130 x D. 370 mm 8 kg		W. 330 x H. 155 x D. 385 mm 7 kg
Dimensions and weight	W. 275 x H. 130 x D. 370 mm 8 kg		W. 330 x H. 155 x D. 385 mm 7 kg
Included accsories	2 Probes SA-016, Mains cable CA-006		2 Probes SA-017, Mains cable CA-006