

Specifico	ations		mode
			1541D
VERTICAL AMPI	IFIERS (CH 1 and CH 2)	CRT	
Sensitivity	5 mV/div to 5 V/div, 1 mV/div, with X5 gain	Display Area	6 inches diagonal, rectangular screen with internal
Accuracy	5 mV/div to 5 V/div, ±3% (X5 gain), ±5%		gratucule $8 \times 10 \text{ div } (1 \text{ div} = 1 \text{ cm})$
Input Impedance	$1M\Omega \pm 2\%$, $25pF \pm 10\%$	Accelerating Voltage	12 kV
Frequency Response	DC to 40 MHz (-3dB), DC to 7 MHz (-3dB) at X5 gain	Trace Rotation	Front panel adjustable
Rise Time	8.8 ns (Overshoot < 5%)	Phosphor	B31
Operating Modes	CH 1; CH 2; DUAL; Alternate/Chop; ADD	Other Specifications	
Chop Frequency	Approximately 250kHz	other spe	cificacions
Max Input	400 V (DC + AC peak)	Calibrating Voltage	1kHz positive square wave. 2Vp-p, ±3%
		ENVIRONMENT	
SWEEP SYSTEM		Within Specified Accuracy 50° to 95°F (10° to 35°C), ≤ 85% RH	
Sweep Speed	0.2µs/div to 0.2 s/div in 1-2-5 sequence; 20 steps,	Full Operation	32° to 104° F (0° to 40° C), $\leq <85\%$ RH
	vernier control provided	Storage	-4° to 158°F (-20° to +70°C)
Accuracy	±3%	Power Requirements	$100/120/220/240 \text{ V} \pm 10\%$, 50/60 Hz, approximately 38W
Sweep Magnification	10x	Dimensions (HxWxD)	12.8 x 15.7 x 5.2 " (324 x 398 x 132 mm)
Hold Off Time	5:1 Continuously variable	Weight	16.8 lbs. (7.6 kg)
TRIGGERING		Accessorie	S Three Year Warra
Trigger Modes	Auto, Norm	CUDDUED. Instruction A	James Tura DD 22A vil /v1O Dunhar an accident
Trigger Source	Ch 1, CH 2, LINE, EXT, ALT	SUPPLIED: Instruction Manual, Two PR-33A x1/x10 Probes or equivalent,	
Trigger Coupling	AC, TV-V, TV-H, NORM	AC Power Cord, Spare Fuse OPTIONAL: PR-32A Demodulator Probe, PR-37A x1/x10/REF. Probe, PR-100A x100	
ingger Coupling	AC, IV-V, IV-H, NORIVI		
HORIZONTAL AI	MPLIFIER (Input through EXT TRIG)	Probe, PK-53	5 High Voltage x1000 Probe, LC-210A Carrying Case
X-Y Mode	CH1: Y axis, CH2: X axis		
Sensitivity	Same as vertical CH1		
Accuracy	Y axis ±3%, X axis ±6%		
Input Impedance	same as vertical CH1		
Frequency Response	DC to 1MHz (-3dB)		