

PS-605

CATHODE RAY TUBE	6 inch diagonal. rectangular screen with internal graticule 8 x 10 DIV (1 DIV = 1 cm). P31 phosphor. 12 kV accel voltage.
VERTICAL DEFLECTION: Bandwidth DC-1 MHz (-3db).	
Sensitivity: :	1 mV / DIV -1 V / DIV (20 MHz -3db). x 5 gain selected.5 mV / DIV -5 V / DIV
Attenuator:	1-2-5 sequence. 10 step with variable control.
Input Impedance:	1MΩ / - 2%, 25 pF / - 10 pF
Max. Input Voltage:	400 V (DC AC peak).
Rise Time:	5mV / DIV - 5 V / DIV : 5.8 nS 1mV / DIV : 17.5 nS
Over Shoot:	Less than / - 5 %
Operation Mode:	CH 1, CH 2, DUAL (ALT, CHOP).
Inverter:	CH 2 only
HORIZONTAL DEFLECTION	
X-Y Mode:	switch selectable using X-Y switch
Accuracy:	+ / - 3%.
CH 1 :	X axis.
CH 2 :	Y axis.
Accuracy: Y - Axis / - 3 % X - Axis / - 6 %	
Bandwidth:	DC - 1 MHz (-3db).
X-Y Phase Difference:	Approximately 3° at 50 kHz.
SWEEP SYSTEM	
Sweep Display Mode:	Main, Mix, Delay.
Hold Off Time:	5:1 continuously variable. (0.1μ S / DIV)
MAIN SWEEP	
Sweep Speed:	0.1 μ S/div to 2S/div in 1-2-5 sequence, 23 steps.
Accuracy:	-3 %.
Variable Time Control:	5:1, uncalibrated, continuously variable between steps.
Sweep Magnification:	10X, 10% extend sweep speed up to 10 nS / DIV,
DELAY SWEEP	
Sweep Speed:	0.1μ S/ DIV - 2S / DIV in 1-2-5 sequence 23 steps.
Accuracy:	- 3%.
Sweep Magnification:	10X, 10% extend sweep speed up to 10nS/DIV.
Delay Time Position:	Variable control to located desirable waveform for extending.
TRIGGERING	
Trigger Coupling:	AUTO NORM. TV-V, TV-H.
Trigger Source:	CH 1, CH2, ALT, LINE, EXT
Slope:	-
TRIGGER SENSITIVITY	COUPLING?? BANDWIDTH???? ? INT?? ? ?EXT TV - V?????? DC - 1 kHz????? ?1.0 DIV? ??0.1 TV - H????? ?1kHz - 100kHz?????1.0 DIV? ? 0.1 AUTO?????? 100Hz - 60MHz????1.5 DIV?????0.1 NORM???? ? 100Hz - 60MHz????1.5 DIV?????0.1
COMPONENT TEST	
Test Voltage:	Max. 6 Vrms (open circuit).
Test Current:	Max. 11 mA (shorted).
Test Frequency:	Line Frequency
Components:	Capacitor, Inductor, Diode, Transistor, Zener etc.

CH 2 OUTPUT	
Output level:	100 mV / DIV (no load). 50 mV / DIV (with 50 Ω [load).
Bandwidth:	20 Hz-20 MHz (-3db).
Gratticule Illumination:	Adjustable.
Calibrator:	Square wave 1 KHz \pm 10 %, 2 Vp-p \pm 3 %
Z-Modulation:	Positive TTL signal, low level blank intensity at any intensity, high level unblank any intensity.
Trace Rotation:	Adjustable on front panel.
Power Source:	115/230V AC \pm 10%, 50/60 Hz.
Power Consumption:	Apporx. 40 Watts.
Dimensions:	824 (W) x 398 (D) x 132 (H) mm.
Net Weig.g.ght:	Approx. 7.8 kg.
Rated Range of Use:	10°C - 35°C, 10-80% R.H.
Limits of Operation:	0°C - 50°C, 10-80% R.H.
Storage Environment:	- 30°C - 70°C, 10-90% R.H.