

PS-605 - 60MHz OSCILLOSCOPE.



60 Mhz. Dual Time Base Oscilloscope

- * VERT. SENSITIVITY FROM 1mV/DIV TO 15V/DIV.
- * SWEEP RATE FROM 10NS/DIV TO 1S/DIV.
- * COMPONENT TESTER.
- * DELAY SWEEP
- * CE, TUV GS, UL, CUL, IEC1010

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 (20MHz-3db).
x 5 gain selected. 5mV/DIV-5V/DIV

Attenuator : 1-2-5 sequence. 10 step with
variable control.

Input Impedance : 1M Ω [+ / - 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

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 ϕ X at 50 kHz.

SWEEP SYSTEMS

Sweep Display Mode: Main, Mix, Delay.

Hold Off Time 5:1 continuously variable. (0.1 μ 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
0.1 μ 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 :+ / -
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).
Graticule 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 : 324 (W) x 398 (D) x 132 (H) mm.
Net Weig.g.ght : Approx. 7.8 kg.
Rated Range of Use :10 ϕ J - 35 ϕ J, 10-80% R.H.
Limits of Operation:0 ϕ J - 50 ϕ J, 10-80% R.H.
Storage Environment:- 30 ϕ J - 70 ϕ J, 10-90% R.H.

code no.

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