

PINTEK

PS-605 *60MHz OSCILLOSCOPE*

- Vert Sensitivity From 1mV/DIV to 15V/DIV
- Sweep Rate From 10nS/DIV to 1S/DIV
- Built-in Component Tester
- X-Y Operation, Z-Mod. Input, Y-Output
- Beam-Finder, Hold-Off, Illuminate
- With Delay Sweep
- Two Sweep Mix Function



IEC 1010 EN 61010

Pintek Electronic Co., Ltd
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CP-260

SPECIFICATIONS

CRT

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 to 60 MHz (-3dB).

Sensitivity :

1 mV / div to 1 V / div (20 MHz, -3dB). X5 gain selected.

5 mV / div to 5 V / division

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

Input Impedance: 1 MΩ ± 2 %, 25pF ± 10pF

Max. Input Voltage: 400V (DC+AC peak).

Rise Time:

5mV/div to 5V/div: 5.8 nS

1mV/div: 17.5nS

Over Shoot: Less than ± 5%

Operation Modes: CH 1, Ch2, Dual(ALT, CHOP).

Algebraic Addition: CH 1+ Ch2, CH 1 to CH2..

Inverter: CH 2 only.

HORIZONTAL AMPLIFIER

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 to 1MHz (-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. (0.1 μs/div)

MAIN SWEEP

Sweep Speed:

0.1 μs/div to 2.0 s/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 μs/div to 2.0 s/div in 1-2-5 sequence, 23 steps.

Accuracy: ± 3 %.

Sweep Magnification:

10X, ± 10% extend sweep speed up to 10 ns/div.

Delay Time Position:

Variable control to locate desirable waveform for extending.

TRIGGERING

Trigger Coupling: AUTO NORM, TV -V, TV-H.

Trigger Source: CH 1, CH 2, ALT, EXT, LINE.

Slope: ±

Trigger Sensitivity:

COUPLIN	BANDWIDTH	INT	EXT
TV-V	DC 1kHz	1.0 div	0.1 Vp-p
TV-H	1kHz-100 kHz	1.0 div	0.1 Vp-p
AUTO	100Hz-60 MHz	1.5 div	0.1 Vp-p
NORM	100Hz-60 MHz	1.5 div	0.1 Vp-p

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.

Ch2 OUPUT

Output level:

100 mV / div (no load). 50 mV / div (with 50Ω load).

Bandwidth: 20 Hz to 20 MHz (-3db).

Graticule Illumination: Adjustable.

Calibrator: Square wave 1 Khz ± 10%, 2 Vp-p ± 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: 115V/230V AC ± 10%, 50/60 Hz.

Power Consumption: Approx. 40 Watts

Dimensions: 324 (W) x 398 (D) x 132 (H) mm.

Net Weight: 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.



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