
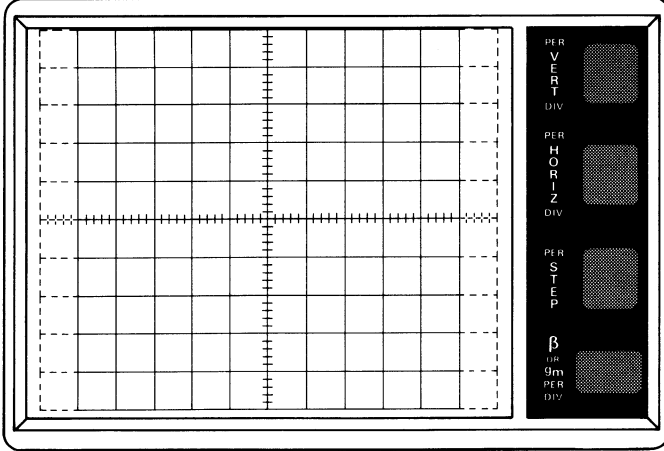


TEST SET-UP CHART TYPE 576



TYPE 576 CURVE TRACER
TEKTRONIX, INC., PORTLAND, OREGON, U. S. A.



VERTICAL CURRENT/DIV

INTENSITY FOCUS

μA mA 10 5 2 1 .5 2 1 50 20 10 5 2 1

COLLECTOR EMITTER

STEP GEN

DISPLAY OFFSET
NORM (OFF)

CENTERLINE VALUE (CHECK ZERO)

MULT DIV MULT

X1 VERT X1 HORIZ

X10 X10

MAGNIFIER

HORIZONTAL VOLTS/DIV

BASE 0.5 1 2 5 10 20 50 100 200

COLLECTOR

0.5 1 2 5 10 20 50 100 200

±125V ERROR IN LEAKAGE MODE BELOW 12.5A DIV

DISPLAY INVERT

0 DIV ZERO CTR

NORM DISPLAY OFFSET

10 DIV CAL CTR

STEP GEN

CAMERA POWER GRATICULE ILLUM READOUT ILLUM

MAX PEAK VOLTS

75 350 1500

15 1500

0.5M 0.3

1.4M 1.4

300k 6.5

65k 14k 3k 660 140 30

SERIES RESISTORS

POWER ON OFF

COLLECTOR SUPPLY VOLTAGE DISABLED

(USE PROTECTIVE BOX)

COLLECTOR SUPPLY

POLARITY (PNP)

MODE

NORM DC (ANTI LOOP)

LEAKAGE (EMITTER CURRENT)

LOOPING COMPENSATION

STEP GEN POLARITY (UNLESS INVERTED)

CAUTION: USING VOLTAGE STEPS INCREASES VOLTAGE RAMP RISE TIME. INCREASES VOLTAGE WITH INCREASING VOLTAGE. USE CURRENT LIMITS.

NUMBER OF STEPS 20 100 1000

CURRENT LIMIT 500 mA

STEP/OFFSET AMPLITUDE

μA mA 5 1 2 5 10 20 50 1

2 mA

OFFSET MULT (0-10)

OFFSET ZERO AID OPPOSE

STEP MULT 1X

PULSED STEPS AUTO DC MODE

STEPS 300 μs 80 μs

STEP FAMILY ON OFF

REP SINGLE 2X NORM 5X

RATE

12

COLLECTOR SUPPLY RESET

VARIABLE COLLECTOR SUPPLY (PERCENT OF MAX PEAK VOLTS)

40 60 80 100

0

EMITTER GROUNDED

STEP GEN

OPEN (OR EXT) STEP TERM

SHORT

OPEN (OR EXT) STEP TERM

BASE GROUNDED STEP GENERATOR POLARITY REVERSE INVERTED BASE AND EMITTER OPEN FROM LEAKAGE

LEFT OFF RIGHT

EXT BASE OR EMIT INPUT GROUND

STEP GEN OUTPUT

RED LIGHT INDICATES DANGEROUS VOLTAGES MAY APPEAR AT COLLECTOR TERMINALS

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