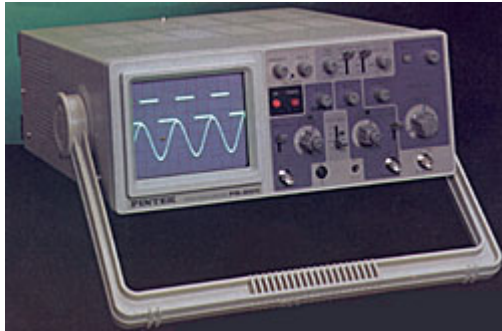




PS-200 - 20MHz PORTABLE OSCILLOSCOPE



20 Mhz. Oscilloscope with 2 Probe, Popular Brand

- 20MHz DUAL TRACE, DUAL TRIGGER.
 - VERT SENSITIVITY FROM 1mV/DIV TO 15V/DIV.
 - SWEEP RATE FROM 10ns/DIV TO 2S/DIV.
 - HOLD-OFF, X-Y OPERATION.
 - CE, TUV GS, UL, CUL, IEC101
- Type : Rectangular with integral graticule.
Display Area : 8 x 10 div (1 div = 1 cm)
Accelerating Voltage : 2.1 kV.
Phosphor : P31.
VERTICAL AMPLIFIERS (CH 1 and CH 2)
Sensitivity : 5 mV / div to 5 V / div (X1 mode).1 mV / div to 1 V / div (X5 mode).1-2-5 sequence, 10 step attenuator.
Vernier control provides fully adjustable attenuation between steps.
Accuracy : ± 3 % (X1 mode). ± 5 % (X5 mode).
Input Resistance : 1 M Ω [± 2 %.
Input Capacitance : 25 pF ± 10 pF.
Frequency Response : 5 mV to 5 V / div (CAL):DC to 20 MHz (-3 dB).1 mV/div(CAL):DC to 5MHz (-3 dB).
Rise Time : Approximately 17.5 ns.
Operaing Modes : CH1:CH1, single trace.CH2:CH 2, single trace.
ALT:dual trace, alternating.CHOP: dual trace, chopped.
ADD: algebraic sum of CH 1 + CH 2
Polarity Reversal (Invert):CH 2 only.
Maximum Input Voltage:400 V dc + ac peak.
HORIZONTAL AMPLIFIER:(Input through channel 1 input)
X-Y mode : switch selectable using X-Y switch.
CH 1: X axis.CH 2: Y axis.
- SWEEP SYSTEM**
Sweep Speed:
0.1 μ s/div to 2 s/div in 1-2-5 sequence, 23 steps. Vernier control provides fully adjustable sweep time between steps.
Accuracy: ± 3 %.
Sweep Magnification:10X, ± 6% (0.1 μ s and 0.2 μ s ranges uncalibrated when X10 is engaged).
Holdoff:Continuously adjustable from NORM to 5 times normal.
- TRIGGERING**
Trigger Modes:AUTO (free run) or NORM.
Trigger Source:CH 1, CH 2, ALT, EXT, LINE.
Maximum External Trigger Voltage:300 V dc + ac peak.



Trigger Coupling :AC : 30Hz to 30MHz.

TV-H :Used for triggering from horizontal sync pulses.

TV-V:Used for triggering from vertical sync pulses.

Trigger Sensitivity:Internal: 0.5 division

(1 division with TV Coupling).External: 500 mV.

OTHER SPECIFICATIONS

Calibrating Voltage:1kHz(nominal)Positive Square Wave,2.0 Vp-p± 3%)

Trace Rotage :Electrical, front panel adjustable

Power Requirements :115/230 V ± 10%, 50 / 60 Hz, approximately 40 W.

Dimensions :324 x 132 x 398 mm (12.8 x 5.2 x 15.6").

Weight :Approximately 7.6 kg (16.75 lbs).

Rated Range of Use :10%XC-35%XC, 10-80% R.H.

Limits of Operation:0%XC-50%XC, 10-80% R.H.

Storage Environment:-30%XC-70%XC, 10-90% R.H.

C E STANDARD :E.M.C. Regulations-1992 (E.C. Directive
89/336/EEC)

EN 50081-1 Emissions.

EN 50082-1 Immunity.

Sensitivity: 1mv/div to 5v/div

Accuacy:

Y-Axis: ± 3%.X-Axis: ± 6%.

Input Impedance: 1MΩ[//25PF

Frequency Response:DC to 1 MHz typical (-3 dB).

X-Y Phase Difference:Approximately 3°X at 50 kHz.