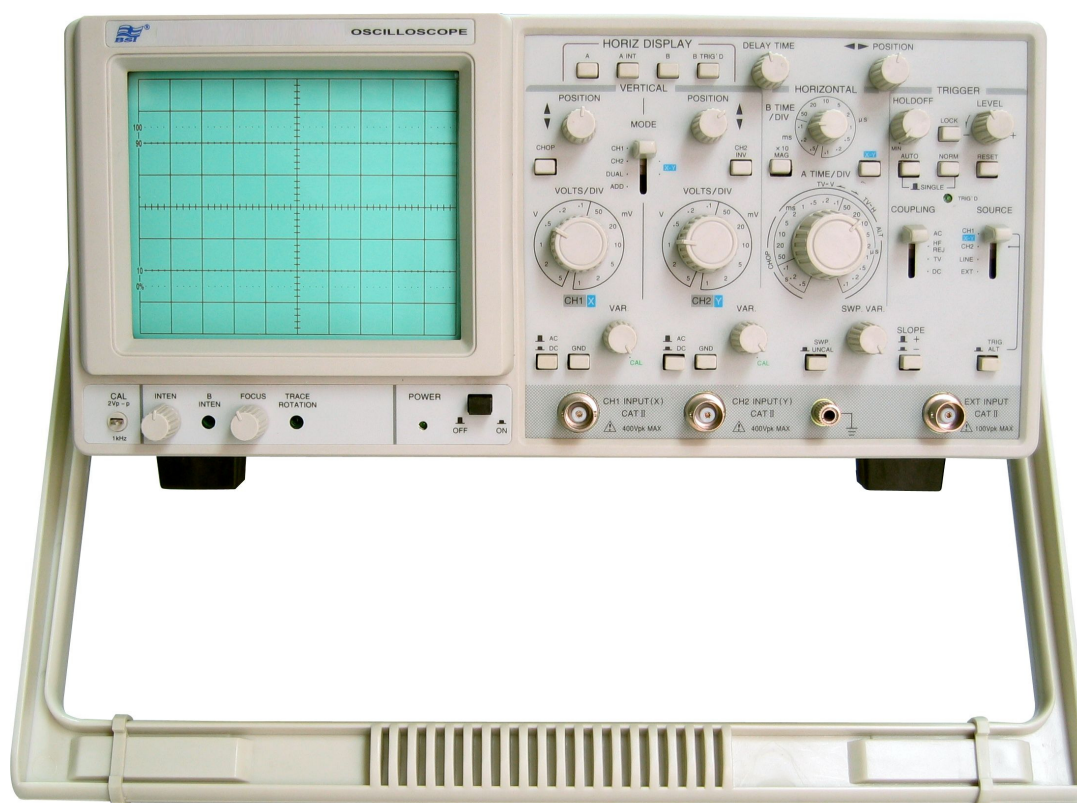


BS8100DTB

100MHz Double Time-base Oscilloscope

The BS8000DTB (Double Time Base) series has two individual base with a 1mV high vertical amplifier sensitivity. User can use a Zoom display to hold up the second sweep signal thanks to the separate second time base capability. The 2 channel 4 traces display, trigger level lock function and the use of digital control switch are making this series much value added to its' competitors in the marker.



Feature:

- High Sensitivity (1mV/Div)
- Two Trace per Channel
- TV sync, (TV-H, TV-V)
- Auto Focus
- Triggering Level Lock
- Dual-Timebase
- Hold-off Time Adjustable
- CE Approved, CATII 600V CE-EMC & LVD

Specifications

Vertical System	
Sensitivity	5mV/Div - 5V/Div (1-2-5, 10steps) (X5: 1mV/Div - 1V/Div)
Variable Ratio	2.5:1
Bandwidth	DC - 100MHz
	10Hz - 100MHz (5mV/Div)
Overshot	8%
Rise Time	3.5ns
Input Impedance	10Mohm, 17pF
Maximum Input	400V (DC + AC peak)
Coupling	AC, GND, DC
Polarity Inverter	Only CH2

Horizontal System	
Mode	A, B, B Trig, X-Y, ALT
A Sweep Base	0.05us/Div - 0.2s/Div (1-2-5 21 steps)
B Sweep Base	0.05us/Div - 10us/Div (1-2-5 8 steps)
Sweep Magnification	X10, 0.05us/Div
Delay Sweep	Continuous or Triggered
Delay Time	0.2us - 2 s
Hold-off Time	Continuous or Triggered
Triggering System	
Triggering Mode	Auto, Normal, TV-V, TV-H
Triggering Source	INT, CH2, Line, Ext.
Polarity	+, -
Coupling	AC coupling
Triggering	Normal 10Hz - 100Mhz 2Div, Ext. 0.3V
Sensitivity	Auto 20Hz -100Mhz 2Div, Ext. 0.3V
TV sync	1 Div, Ext 1Vpp

X-Y Mode	
Gate Value	Y (same as CH2), X (same as CH1), X1: $\pm 5\%$, X10: $\pm 10\%$
X Bandwidth	DC -2Mhz
Phase Error	∞ 3 Degree
Z Axis	
Input Impedance	33kohm
Input Voltage	30V (DC + AC peak) Frequency ∞ 1kHz
Bandwidth	DC -1MHz
Calibration	
Frequency	1kHz $\pm 2\%$
Amplitude	0.5Vpp $\pm 2\%$

Power Supply	
Voltage	220V $\pm 10\%$, 50Hz $\pm 5\%$
Consume	40W
CRT	
Accelerate Voltage	Approximate 12kV
Valid Area	8 Div x 10 Div
Other	
Working Temperature/Humidity	0 - 35 degree C, 85%
Storage Temperature/Humidity	-20 -70 degree C, 70%
Dimension / Weight	310 x 150 x 440 mm, Approximate 7.5kg



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