

## 10MHz Single Trace Oscilloscope

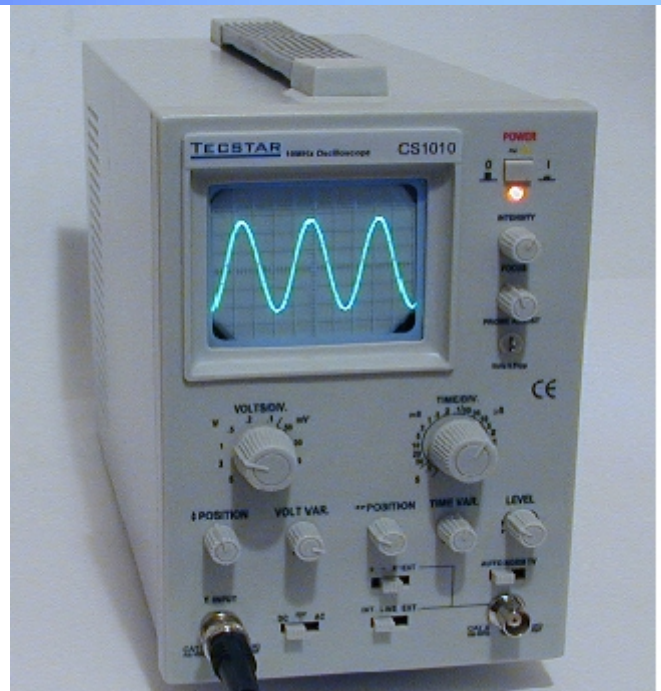
The CS1010 oscilloscope is easy to operate and highly reliable. It is an ideal instrument for research, production, education, and development. It is a compact and portable oscilloscope with a frequency bandwidth of 10MHz and sensitivity of 5mV/DIV-5V/DIV. Equipped, as standard, with a switchable X10:1 probe which extends the sensitivity up to 50V/div. The horizontal timebase is 0.1S/DIV to 0.1µS/DIV.

## MAIN FEATURES

- ◆ *Simple operation*
- ◆ *Portable, small and lightweight*
- ◆ *Excellent Triggering*

### FEATURES

- ◆ 10MHz Bandwidth
- ◆ High Brightness
- ◆ Calibration Output
- ◆ Variable T attenuation
- ◆ AC DC and Ground
- ◆ Auto, Normal and TV triggering
- ◆ Variable trigger level
- ◆ +ve or -ve Ext trigger modes
- ◆ Internal, External or Line trigger
- ◆ Complete with X1/X10 probes
- ◆ Low cost



## SPECIFICATION

### Vertical system

Sensitivity	5mV/DIV-5V/DIV±3%
Trimming ratio	≥2.5:1
Rise time	≤35ns
Bandwidth (-3B)	DC:0-10MHz AC:10HZ

### Trigger system

Trigger sensitivity	Int 1 div, Ext 0.3V
Ext. trigger input impedance	1MΩ 30pf
Ext. trigger max input voltage	400Vpk
Trigger sources	Int, Line, Ext
Trigger mode	Norm, AUTO, TV

### Horizontal system

Sweep time	0.1S/DIV-0.1mS/DIV ±3%
Trimming ratio	≥2.5:1

### X-Y mode

Sensitivity	0.2V/DIV-0.5V/DIV
Bandwidth (-3dB)	DC: 0-1MHz AC:10Hz-1MHz

### Calibration signal

Waveform	Symmetric square wave
----------	-----------------------

Range	05.V±2%
Frequency	1KHz±2%

### CRT

Display area	8 x 10DIV 1DIV=6mm
Accelerating voltage	1200V
Display colour	Green

### Power source

Voltage range	220V ±10%
Frequency	50Hz ±2Hz
Power consumption	25W

### Physical features

Weight	3kg
Dimensions (H x W x D)	190 x 130 x 270mm

### Working environment

Working temperature	5°C-40°C
Storage environment	-30°C-60°C, 10-80%Ru
Working altitude	≤2000m

### Pressure-proof test

Pressure-proof test	1500V 1min
---------------------	------------

Tecstar Electronics Ltd  
 1 Nuffield Road, St Ives, Cambridgeshire, PE27 3LX  
 Tel: 01480 399499 Fax: 01480 399503  
 e-mail: sales@tecstar.co.uk www.tecstar.co.uk

Dealers Stamp