

## BS5010H 10MHz Handy Oscilloscope

### Feature:

- In-House Original Outlook Design
- Electronic Switches to Enhance Product Stability
- Small Size, Light Weight Handy to Carry
- High Sensitivity up to 5mV/div
- Sweep Rate from 0.1us/Div to 0.1s/Div
- High Accurate Calibration Signal
- Low Cost with Value Added Performance
- CE Approved, CATII 600V CE-EMC & LVD



**Horizontal**

### Specifications:

#### Vertical System

Sensitivity	5mV/DIV ~5V/DIV $\pm 5\%$
Bandwidth(-3dB)	AC: 10Hz ~ 10MHz DC: 0 ~ 10MHz
Rise Time	$\leq 24\text{ns}$
Overshot	$\leq 5\%$
Damp	$\leq 5\%$
Input Impedance	1M $\Omega$ $\pm 5\%$ , 25pF
Maximum Input Voltage	400V (DC + AC peak)
Coupling Mode	AC, GND, DC

#### Trigger System

Trigger Sensitivity	Internal :	1.5DIV
	External:	0.3DIV
Ext. Trigger Input Impedance	1M $\Omega$ $\pm 5\%$ , 20pF	
Ext. Trigger Maximum Input Voltage	400V (DC+AC peak)	
Trigger Sources	INT, EXT, LINE, TV	
Trigger Mode	NORM, AUTO, LOCK	



**Horizontal System**

Sweep Speed	0.1 $\mu$ s/DIV~0.1s/DIV (1-2-5 sequence in 19 steps)
Accuracy	$\pm$ 5%
Variable Range	$\geq$ 2.5:1

**X-Y Mode**

Sensitivity	0.2V/DIV ~ 0.5V/DIV
Accuracy	$\pm$ 5%
Bandwidth (-3dB)	DC: 0 ~ 500kHz AC: 10Hz~500kHz

**Calibration Signal**

Waveform	Symmetric Square Wave
Amplitude	0.5V $\pm$ 2%
Frequency	1kHz $\pm$ 2%

**CRT**

Display Area	8 $\times$ 10DIV 1DIV=6mm
Display Color	Green



### Power Source

Voltage Range	230V $\pm$ 10%
Frequency	50Hz $\pm$ 5Hz
Power Consumption	25W

### Physical Features

Weight	3kgs
Dimensions (W x H x D)	196x140x290 mm <sup>3</sup>

### Working Environment

Working Temperature	5°C ~ 40°C
Storage Environment	-30°C ~60°C, 10~80%RH
Working Altitude	$\leq$ 2000m

### CALTEK INDUSTRIAL (H.K.) LTD.

**Hong Kong:**  
Flat E, 12/F., Effort Industrial Bldg.,  
2-8 Kung Yip Street, Kwai Chung,  
N.T., Hong Kong  
Tel: (852) 2401-1222  
Fax: (852) 2420-3472  
Email: caltek@caltek.com.hk

**Singapore :**  
Level 15, Suite 27,  
Prudential Tower, 30 Cecil Street,  
Singapore 049712  
Tel: (65) 6232 2903  
Fax: (65) 6232 2888  
Email: sales\_sg@caltek.com.hk

**China (Guangzhou):**  
4/F., Li Zhi Wan, Zhen Xing Road,  
Dagang Town, PanYu,  
GuangZhou, China.  
Tel: (86-20) 3493 6162  
Fax: (86-20) 3493 6163  
Email: sales\_cn@bstcaltek.com