

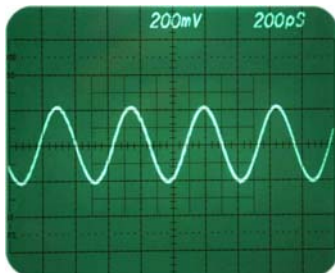
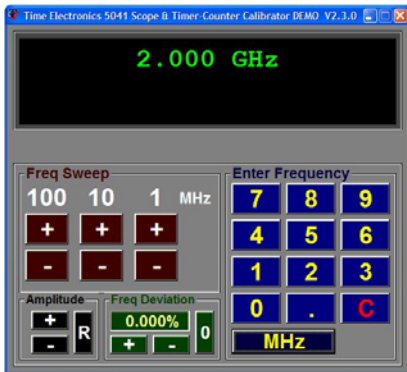


# 9761 2.2GHz levelled sine-wave module

Time Electronics

Calibration, Test & Measurement

- Bandwidth Calibration from 10MHz to 2.2GHz
- 25KHz resolution
- Standard 50-ohm output
- Amplitude Adjustment 0.4V to 1V pk-to-pk
- USB, GPIB and RS232 Control
- Virtual Front Panel Software



The 9761 is a fully synthesized sine-wave generator with precision closed-loop output level control up to 2.2GHz suitable for calibration of high-frequency oscilloscopes or counters

The ability to sweep the frequency output from 10MHz to 2.2GHz and adjust the amplitude from 400mV to 1.1V pk-pk ensures accurate analysis of oscilloscope input amplifiers.

Applications include Bandwidth calibration, trigger sensitivity calibration and maximum trigger frequency calibration.

The 'Virtual front panel' software allows full control via RS232, GPIB or USB. Alternatively the simple command set can be implemented into any control software, making it ideal for ATE applications.

<b>FREQUENCY</b>	
Frequency range	10MHz to 2.2GHz
Frequency resolution	25KHz steps through the full range
Frequency accuracy/stability	0.1ppm per year. Oven controlled crystal oscillator
<b>AMPLITUDE</b>	
10MHz to 1.2GHz	0.4V to 1.5V peak-to-peak (-2 to +13,5dBm)
Amplitude levelling accuracy	+/- 1% 10MHz to 200MHz +/- 4% 200MHz to 500MHz +/- 10% 500MHz to 1GHz +/- 20% 1GHz to 2.2GHz
<b>INTERFACES</b>	
USB, GPIB & RS232	
<b>SOFTWARE</b>	
Virtual Front Panel. Windows 98,2000,XP	
<b>DIMENSIONS</b>	
W105 x D225 x H60	
<b>WEIGHT</b>	
1kg	

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Time Electronics, Botany Industrial Est. Tonbridge, Kent. England. TN9 1RH.

Tel: +44 (0)1732 355993 Fax: +44 (0)1732 770312 E-mail: mail@timeelectronics.co.uk

[www.timeelectronics.co.uk](http://www.timeelectronics.co.uk)