

5041 Scope and Timer/Counter Calibrator

**High performance with easy-to-use programmable functionality
make this calibrator hard to beat.**



Available in 19" rack or bench top case

- Suitable for oscilloscopes up to 600MHz and timer/counters to 1 GHz
- **Amplitude calibration:**
2mV/Div, 5mV/Div, 10mV/Div, 20mV/Div, 50mV/Div, 100mV/Div, 200mV/Div, 500mV/Div, 1V/Div, 2V/Div, 5V/Div, 10V/Div, 20V/Div, 50V/Div (all at graticule heights of 2, 4, 6, or 8)
- **Frequency calibration:**
0.2Hz to 200kHz (settable in steps equivalent to 1us intervals), 500kHz, 1MHz, 2MHz, 2.5MHz, 4MHz, 5MHz, 10MHz, 20MHz, 25MHz, 50MHz, 100MHz
- **Period calibration:**
10ns, 20ns, 40ns, 50ns, 100ns, 200ns, 250ns, 400ns, 500ns, 1us, 2us, 4us to 8s (settable in 1us steps)
- **Mark/Space ratio:**
0.001% to 99.999%. Resolution: 10% (20 to 99us), 1% (100 to 999us), 0.1% (1 to 9.999ms), 0.01% (10 to 99.999ms), 0.001% (100ms to 8s)
- **Fast Rise:**
Less than 1ns. Allows bandwidth checking up to 600 MHz
- **Programmable:**
Interfaces: RS232 (serial) and GPIB (IEEE488)
Commands: A full command-set allows complete control of all functions by an external computer
- **Included Software:**
An easy-to-use Windows based application allows full control of the calibrator from an external PC without any programming. The 5041 is also fully compatible with Time Electronics' **EasyCal** software which has an inbuilt driver to allow speedy auto-calibration runs.



Screenshot of the PC Control