



Multifunction Calibrators

Time Electronics

Calibration, Test & Measurement

5051 MULTIFUNCTION CALIBRATION SYSTEM

- 0 - 1050V, 0 - 22A (AC/DC)
- Internal 6.5 Digit DMM
- 0 - 1G Ω resistance
- Thermocouple & PT100 simulation
- Digital Frequency & Oscilloscope Calibration
- Capacitance & Inductance
- Clamp Meter Calibration
- EasyCal Software Compatible



5025 MULTIFUNCTION CALIBRATOR

- 0 - 1050V, 0 - 22A (AC/DC)
- 0 - 1G Ω Resistance
- Capacitance & Inductance
- Thermocouple & PT100 simulation
- Digital Frequency & Oscilloscope Calibration
- Clamp Meter Calibration
- RS232, GPIB & USB Interface
- EasyCal Software Compatible



5075 PRECISION DIGITAL MULTIMETER

- 7 digit resolution
- 10nV to 10kV, 10pA to 30A
- Resistance, Capacitance, Frequency
- 18ppm accuracy/best 1 year
- 10 channel low thermal emf scanner option
- EasyCal Calibration software compatible - GPIB



5018 PROGRAMMABLE DC-AC V-I CALIBRATOR

- 15ppm accuracy/0.5ppm resolution
- 1999999 full scale +10% over-range
- 20mV-200mV-2V-20V DC voltage
- Deviation control -9.999% to +9.999%
- GPIB & RS232 Interface
- Ideal for ATE applications



5045 OSCILLOSCOPE / TIMER CALBRATOR

- 1mV – 220V Square Wave/DC
- Amplitude 1mV to 200V
- Frequency 0.1Hz to 100MHz
- Time Marker/Period 15s to 10ns
- Fast Rise <300ps
- Bandwidth check up to 600MHz
- Optional 2 GHz levelled Sweep
- Front Panel or PC Virtual Control



EASYCAL CALIBRATION SOFTWARE

- Windows 2000/XP/VISTA
- Over 1000 standard procedures
- Create and customise test procedures
- Instrument control GPIB/RS232/USB
- Automated calibration run
- Comprehensive instrument database
- Print certificates, labels, and reminder letters
- Customise certificates & reports
- Network compatible



7080 CALIBRATION BENCH - TEMPERATURE – PRESSURE – ELECTRICAL SIGNALS

Will calibrate the following:

- Multi-meters, Oscilloscopes
- RTD and thermocouple transmitters
- Signal generators
- Frequency meters, timer counters
- AC/DC Milli-voltmeters
- Ohm meters, resistance boxes
- Clamp meters
- Temperature indicators, sensors
- AC/DC signal sources
- Pressure transducers,
- Pressure transmitters, switches, gauges
- Loop signal indicators, transmitters
- Power supplies



CalBench is the ultimate multifunction calibration station from Time Electronics. A wide range of modules can be mounted in both the primary and secondary consoles. Core modules cover electronic signal, temperature, and pressure applications. Non-standard modules for special applications can also be fitted into the bench consoles; each module is an independent item and there is a high degree of inter-changeability. This allows each bench to be custom designed to meet specific engineering requirements.

7051 Multifunction Calibrator and Control Centre Module

The 7051 is the modular version of Time Electronics' 5051 multifunction calibrator. When incorporated into a calibration bench it acts as a control system with an internal PC that is preloaded with the control programs and Time Electronics comprehensive EasyCal calibration software. Standard features include: Internal DMM 6.5 digit; Simulated Resistance; Touch Screen; Test Lead Set; EasyCal; Printer and Connectivity Kit.