



Time Electronics
Calibration, Test and Measurement

CalBench Packages

Wide Workload Calibration Benches

Pre-configured test benches covering a wide range of industrial calibration applications

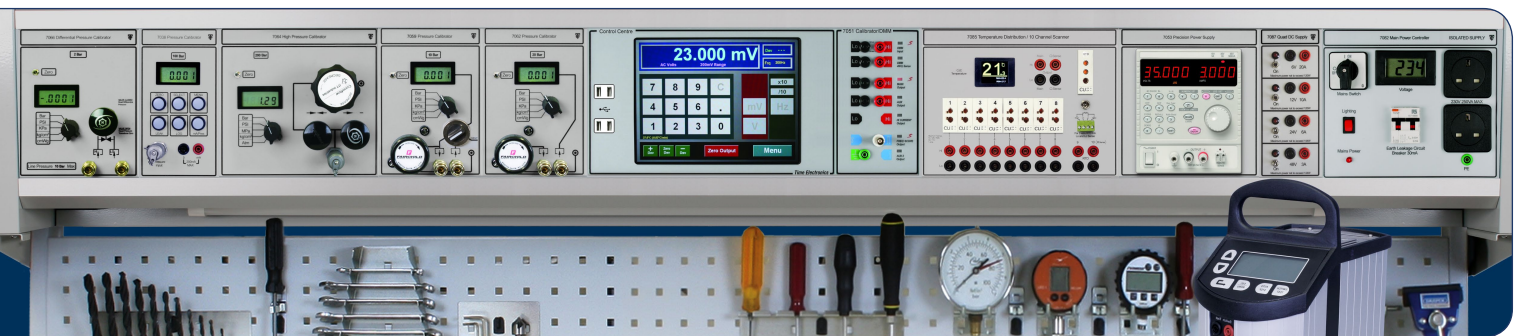
CBP-WW Packages

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CBP-WW1 CalBench Package

Wide Workload Calibration Bench Package 1



Accompanying Products:

Pressure Adaptors/Fittings Kit



Electrical Vacuum Pump



Pneumatic Pressure Pump



Hydraulic Pressure Pump



Pressure Manifolds



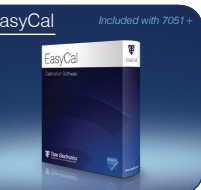
Dry Block Calibrator



Premium Test Lead Set



Calibration Software



Clamp Meter Adaptor



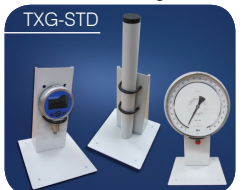
Optical Tacho Adaptor



Printers & EasyCal Extras



Transmitter & Gauge Stand





CBP-WW1 CalBench Package

Wide Workload Calibration Bench Package 1



The CBP-WW1 package includes a multifunction CalBench with extras to enable rapid calibration of various instruments & devices used in a wide range of applications across industries.

- Multi instrument and device testing
- Source and measure voltage, current, resistance, frequency and more
- RTD and thermocouple simulation and measurement
- Pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar)
- Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump
- Fixed and variable DC power supply modules for powering devices under test
- Multifunction control centre with integral calibrator, multimeter and touch screen PC
- Automated calibration using EasyCal software
- Temperature interface module for batch thermocouple calibration
- Accompanying instruments & accessories to aid applications and increase capabilities
- Supplied with drawer/cabinet unit, mounted under bench for tool & document storage
- Control the complete calibration process from one ergonomic workspace

Calibration Capabilities

This CalBench package is ideal for calibration of these common devices/instruments as well as performing much more:

- Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.
- Temperature and Loop: Sensors, Indicators, Thermocouple and RTD Transmitters, Process Calibrators, PRTs, Thermistors.
- Electrical/Electronic: Multimeters, AC/DC Signal Sources, Clamp Meters, Data Loggers, Tachometers, Ohmmeters, Decade Boxes, RCL Meters.
- Frequency: Oscilloscopes (bandwidth check to 400 MHz), Frequency Meters, Timer Counters.

Contents and Purposes

ITEM #	CODE	BASIC DESCRIPTION	PURPOSE
1	7080	CalBench (W2000 x D850 x H1568): Height adjustable bench frame, work top, primary console with 7082 mains power control and distribution module (incl. 2 x output sockets), 4 x under console sockets, and under console lighting.	Provides an ergonomic workspace for various calibration and testing applications. A wide range of modules can be fitted to the primary console creating a highly flexible system that is both functional and easy to use.
2	7131	Combination 1 drawer + Cabinet Unit (W500 x D550 x H600mm) <i>Also available: 7120: Cabinet with 1 door & 1 x shelf, 7121: 2 drawer unit, 7122:3 drawer unit, 7132: 5 drawer unit</i>	For general storage of tools and drawer for keeping documents etc.
3	7125	20 piece tool hook kit for perfo panel	For holding various instruments, devices and tools.
4	7133	Magnet set for perfo panel (10 x round, 10 x hook type)	For pinning documents to the rear perfo panel, holding tools and extras.
5	7139	Shelf for perfo panel (W450 x D250 x H130mm)	Suitable for holding portable equipment and tools.
6	7087	Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/6A, 48V/3A	Provides a DC power supply to various loop instrumentation under test.
7	7053	56V DC 4A Adjustable Power Supply Module - Digital	Provides a variable precision DC power supply for various applications.
8	7051+	CalBench Control Centre & Multifunction Calibrator Module <ul style="list-style-type: none"> • Integral Calibrator, 6.5 digit Multimeter, and Touch Screen PC • Source up to 1050V AC/DC voltage / Up to 22A AC/DC current • Source up to 1GΩ resistance / Source capacitance and inductance • Thermocouple simulate and measure / PT100 simulate and measure • Multimeter - AC/DC 1kV/3A, 0 to 100MΩ resistance, 300kHz frequency • Oscilloscope calibration • Internal PC with Windows 8 operating system, calibrator & multimeter control programs & EasyCal calibration software • Clamp meter adaptor and tacho meter adaptor included • Accessories included such as keyboard, Printer, DVD-RW, 4 port USB hub, Numeric key pad, USB Stick, Bar code reader and label printer 	Allows automated calibration for a wide range of electronic test, pressure, temperature and electrical instrumentation. Provides precision electronic calibration source and measurement functions to calibrate a wide range of digital and analogue multimeters, frequency meters, ohm meters, AC/DC millivoltmeters, decade boxes, thermocouple indicators and sensors, clamp meters, oscilloscopes, timer counters, RTDs. Further to this it provides communication with pressure modules. EasyCal enables the user to automate the calibration process and increase speed of calibration and consistency of results. Easily produce calibration certificates and reports to ISO 9001, ISO 17025, and other international quality standards.
9	7085A	Automatic Switching Temperature Distribution Module	A temperature distribution module that switches 8 thermocouple inputs & 1 RTD reference to a common output, for batch thermocouple calibration using EasyCal software to control a dry block calibrator & the 7051+ measure mode.
10	7059/7103	Combined Vacuum/Pressure Calibrator: Vacuum to 10bar (150psi) <i>Other ranges available: -0.2 to 0.2, vac to 2, vac to 5 bar.</i>	For calibration of vacuum and low range pressure instruments, switches, gauges, transmitters, transducers, with regulated output, EasyCal compatible.
11	7062/7104	Pressure Calibration Module with regulator: 0 to 20bar (300psi) <i>Other ranges available: 0.2, 2, 5, 10 bar</i>	For calibration of pressure devices and instruments, with regulated output and simple operation, EasyCal software compatible.
12	7064/7108	High Pressure Calibration Module with regulator: 0 to 200bar (3000psi) <i>Other ranges available: 35, 70, 100 bar</i>	For calibration of high range pneumatic pressure devices, EasyCal compatible.
13	7038/7110	Multi Function Pressure Indicator Module: 0 to 600bar (8500psi) <i>Other ranges available: 0.2, vac to 2, 5, 10, 20, 35, 70, 100, 200, 400 bar</i>	For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.
14	7066/7102	Differential Pressure Calibration Module: 0 to ±5bar (70psi) <i>Other ranges available: 0.2, 2, 10 bar</i>	For calibration of differential pressure instrumentation, EasyCal compatible.
15	7198	Complete Fittings/Adaptors/Hoses Kit for calibrators & pumps	Provides all the required pressure connections & fittings for modules & pumps.
16	7194A	Benchtop Pneumatic Calibration Pump: Vacuum to 200bar (3000psi)	For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
17	7195	Benchtop Hydraulic Calibration Pump: Vacuum to 700bar (10,000psi)	For manual hydraulic pressure generation to 700bar, for use with the 7038 (600bar) indicator module.
18	7161P	Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psi)	A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
19	7161H	Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psi)	A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
20	TXG-STD	Benchtop Transmitter and Gauge stand	A benchtop unit that provides a simple method of securing a transmitter, pressure gauge or process device for calibration on the bench.
21	7072	Dry Block Calibrator: 33 to 650°C (91 to 1202°F) <i>Other models available: 7070: -17 to 140°C, 7071: 33 to 320°C, DB1200: 300 to 1205°C</i>	Provides a temperature source for the calibration of probes, RTDs, and more. Used with the temperature measurement of the 7051+, EasyCal and 7085A.
22	7149	Electrical Vacuum Pump	Supplies the 7059 regulated module a vacuum pressure source.
23	CERTS	Factory Calibration Certificates for all calibration equipment and modules in the package	Certifies all calibration modules and additional test instruments have been tested in the TE factory (NPL traceable).

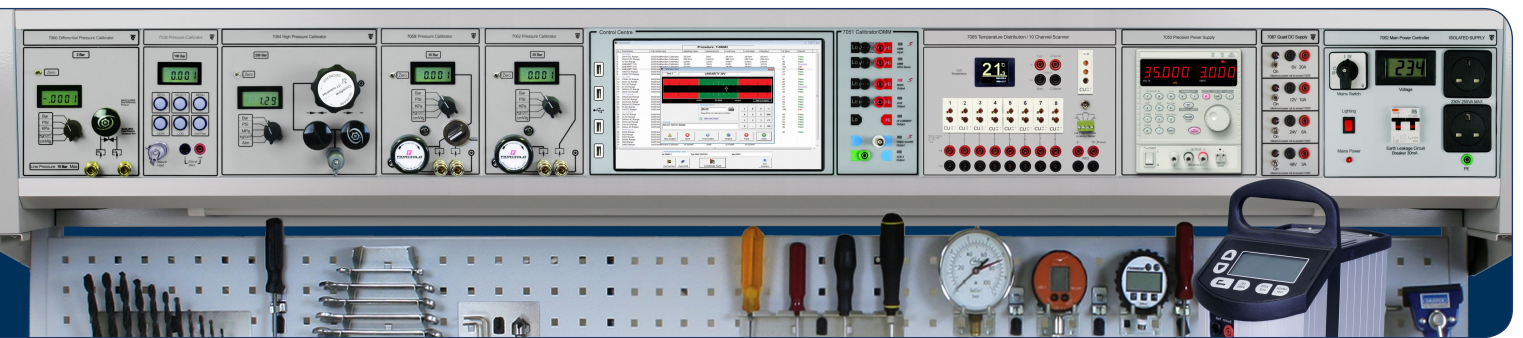
Customise this package:

Add or remove modules, fit a secondary console, change pressure ranges, include various extras from the TE range.



CBP-WW2 CalBench Package

Wide Workload Calibration Bench Package 2



Accompanying Products:

Pressure Adaptors/Fittings Kit



Electrical Vacuum Pump



Pneumatic Pressure Pump



Hydraulic Pressure Pump



Pressure Manifolds



Dry Block Calibrator



Premium Test Lead Set



Clamp Meter Adaptor



Optical Tacho Adaptor



Dimensional Calibration Kit



Insulation Tester Calibrator



EasyCal Software & Extras





CBP-WW2 CalBench Package

Wide Workload Calibration Bench Package 2



The CBP-WW2 is a combination package with CalBench used for the main workload calibrations and accompanying instruments for increased functionality and application coverage.

- Multi instrument and device testing
- Source and measure voltage, current, resistance, frequency and more
- RTD and thermocouple simulation and measurement
- Pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar)
- Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump
- Fixed and variable DC power supply modules for powering devices under test
- Multifunction control centre with integral calibrator, multimeter and touch screen PC
- Automated calibration using EasyCal software
- Temperature interface module for batch thermocouple calibration
- Accompanying instruments & accessories to aid applications and increase capabilities
- Supplied with drawer/cabinet unit, mounted under bench for tool & document storage
- Control the complete calibration process from one ergonomic workspace

Calibration Capabilities

This CalBench package is ideal for calibration of these common devices/instruments as well as performing much more:

- Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.
- Temperature and Loop: Sensors, Indicators, Thermocouple and RTD Transmitters, Process Calibrators, PRTs, Thermistors.
- Electrical/Electronic: Multimeters, AC/DC Signal Sources, Clamp Meters, Data Loggers, Tachometers, Insulation Testers, Ohmmeters, Decade Boxes, RCL Meters.
- Frequency: Oscilloscopes (2.2GHz), Frequency Meters, Timer Counters.
- Dimensional: Verniers, Calipers, Micrometers, Depth Gauges

Contents and Purposes (items in bold are the difference between the CBP-WW1 Package)

ITEM #	CODE	BASIC DESCRIPTION	PURPOSE
1	7080	CalBench (W2000 x D850 x H1568): Height adjustable bench frame, work top, primary console with 7082 mains power control and distribution module (incl. 2 x output sockets), 4 x under console sockets, and under console lighting.	Provides an ergonomic workspace for various calibration and testing applications. A wide range of modules can be fitted to the primary console creating a highly flexible system that is both functional and easy to use.
2	7131	Combination 1 drawer + Cabinet Unit (W500 x D550 x H600mm) <i>Also available: 7120: Cabinet with 1 door & 1 x shelf, 7121: 2 drawer unit, 7122:3 drawer unit, 7132: 5 drawer unit</i>	For general storage of tools and drawer for keeping documents etc.
3	7125	20 piece tool hook kit for perfo panel	For holding various instruments, devices and tools.
4	7133	Magnet set for perfo panel (10 x round, 10 x hook type)	For pinning documents to the rear perfo panel, holding tools and extras.
5	7139	Shelf for perfo panel (W450 x D250 x H130mm)	Suitable for holding portable equipment and tools.
6	7087	Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/6A, 48V/3A	Provides a DC power supply to various loop instrumentation under test.
7	7053	56V DC 4A Adjustable Power Supply Module - Digital	Provides a variable precision DC power supply for various applications.
8	7051+	CalBench Control Centre & Multifunction Calibrator Module <ul style="list-style-type: none"> • Integral Calibrator, 6.5 digit Multimeter, and Touch Screen PC • Source up to 1050V AC/DC voltage / Up to 22A AC/DC current • Source up to 1GΩ resistance / Source capacitance and inductance • Thermocouple simulate and measure / PT100 simulate and measure • Multimeter - AC/DC 1kV/3A, 0 to 100MΩ resistance, 300kHz frequency • Oscilloscope calibration • Internal PC with Windows 8 operating system, calibrator & multimeter control programs & EasyCal calibration software • Clamp meter adaptor and tacho meter adaptor included • Accessories included such as keyboard, Printer, DVD-RW, 4 port USB hub, Numeric key pad, USB Stick, Bar code reader and label printer 	Allows automated calibration for a wide range of electronic test, pressure, temperature and electrical instrumentation. Provides precision electronic calibration source and measurement functions to calibrate a wide range of digital and analogue multimeters, frequency meters, ohm meters, AC/DC millivoltmeters, decade boxes, thermocouple indicators and sensors, clamp meters, oscilloscopes, timer counters, RTDs. Further to this it provides communication with pressure modules. EasyCal enables the user to automate the calibration process and increase speed of calibration and consistency of results. Easily produce calibration certificates and reports to ISO 9001, ISO 17025, and other international quality standards.
9	9769	7051 internal option: Scope 2.2GHz Levelled Sine Generator	Enhances the 7051+ oscilloscope calibration capabilities to cover higher range oscilloscopes.
10	CC12A	7051 Control Centre Upgrade with 12.1" Capacitive Touch Screen	Increased screen size suitable for procedure development and general PC work. Computer RAM upgrade (8 GB) and hard drive upgrade (120 GB).
11	7085A	Automatic Switching Temperature Distribution Module	A temperature distribution module that switches 8 thermocouple inputs & 1 RTD reference to a common output, for batch thermocouple calibration using EasyCal software to control a dry block calibrator & the 7051+ measure mode.
12	7059/7103	Combined Vacuum/Pressure Calibrator: Vacuum to 10bar (150psi) <i>Other ranges available: -0.2 to 0.2, vac to 2, vac to 5 bar</i>	For calibration of vacuum and low range pressure instruments, switches, gauges, transmitters, transducers, with regulated output, EasyCal compatible.
13	7062/7104	Pressure Calibration Module with regulator: 0 to 20bar (300psi) <i>Other ranges available: 0.2, 2, 5, 10 bar</i>	For calibration of pressure devices and instruments, with regulated output and simple operation, EasyCal software compatible.
14	7064/7108	High Pressure Calibration Module with regulator: 0 to 200bar (3000psi) <i>Other ranges available: 35, 70, 100 bar</i>	For calibration of high range pneumatic pressure devices, EasyCal compatible.
15	7038/7110	Multi Function Pressure Indicator Module: 0 to 600bar (8500psi) <i>Other ranges available: 0.2, vac to 2, 5, 10, 20, 35, 70, 100, 200, 400 bar</i>	For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.
16	7066/7102	Differential Pressure Calibration Module: 0 to ±5bar (70psi) <i>Other ranges available: 0.2, 2, 10 bar</i>	For calibration of differential pressure instrumentation, EasyCal compatible.
17	7198	Complete Fittings/Adaptors/Hoses Kit for calibrators & pumps	Provides all the required pressure connections & fittings for modules & pumps.
18	7194A	Benchtop Pneumatic Calibration Pump: Vacuum to 200bar (3000psi)	For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
19	7195	Benchtop Hydraulic Calibration Pump: Vacuum to 700bar (10,000psi)	For manual hydraulic pressure generation to 700bar, for use with the 7038 (600bar) indicator module.
20	7161P	Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psi)	A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
21	7161H	Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psi)	A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
22	7072	Dry Block Calibrator: 33 to 650°C (91 to 1202°F) <i>Other models available: 7070: -17 to 140°C, 7071: 33 to 320°C, DB1200: 300 to 1205°C</i>	Provides a temperature source for the calibration of probes, RTDs, and more. Used with the temperature measurement of the 7051+, EasyCal and 7085A.
23	TXG-STD	Benchtop Transmitter and Gauge stand	A benchtop unit that provides a simple method of securing a transmitter, pressure gauge or process device for calibration on the bench.
24	7151	Vernier and Micrometer Calibration Kit	A kit to enable calibration of verniers, calipers, micrometers, & depth gauges.
25	5069	Insulation Tester Calibrator (100KΩ to 100GΩ, up to 10kV operation)	For calibrating insulation testers & megohmmeters with test voltages up to 10kV.
26	7149	Electrical Vacuum Pump	Supplies the 7059 regulated module a vacuum pressure source.
27	CERTS	Factory Calibration Certificates for all calibration equipment and modules in the package	Certifies all calibration modules and additional test instruments have been tested in the TE factory (NPL traceable).

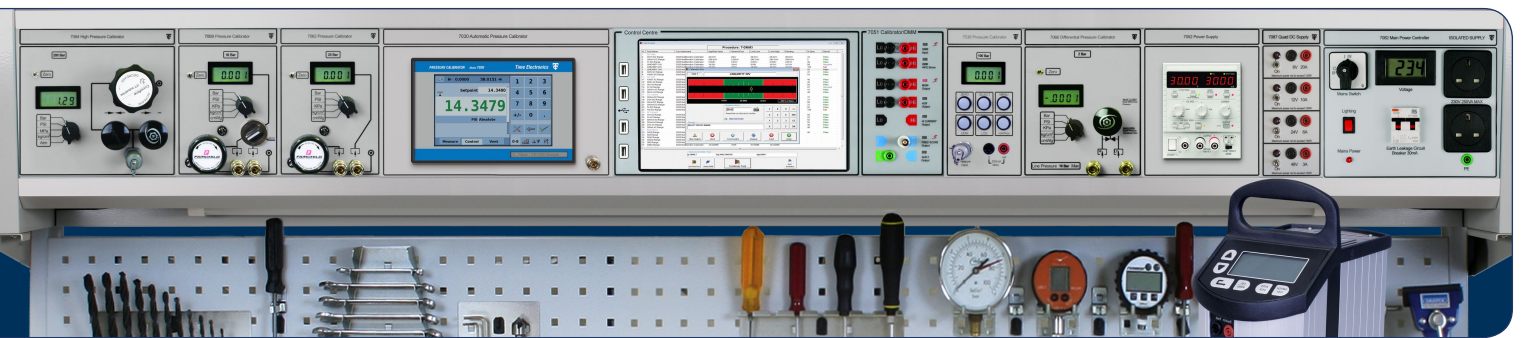
Customise this package:

Add or remove modules, fit a secondary console, change pressure ranges, include various extras from the TE range.



CBP-WW3 CalBench Package

Wide Workload Calibration Bench Package 3



Accompanying Products:

Pressure Adaptors/Fittings Kit



Electrical Vacuum Pump



Pneumatic Pressure Pump



Hydraulic Pressure Pump



Pressure Manifolds



Dry Block Calibrator



Premium Test Lead Set



Clamp Meter Adaptor



Temperature Distribution Unit



Dimensional Calibration Kit



Insulation Tester Calibrator



EasyCal Software & Extras





CBP-WW3 CalBench Package

Wide Workload Calibration Bench Package 3



The CBP-WW3 includes a CalBench for multi product calibration, with a precision pressure controller module. Accompanying instruments provide increased functionality for applications.

- Multi instrument and device testing
- Source and measure voltage, current, resistance, frequency and more
- RTD and thermocouple simulation and measurement
- Pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar)
- Automatic Pressure Calibrator module for vacuum to 100bar (with barometric reference)
- Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump
- Fixed and variable DC power supply modules for powering devices under test
- Multifunction control centre with integral calibrator, multimeter and touch screen PC
- Automated calibration using EasyCal software
- Temperature interface unit (benchtop 7085P) for batch thermocouple calibration
- Accompanying instruments & accessories to aid applications and increase capabilities
- Control the complete calibration process from one ergonomic workspace

Calibration Capabilities

This CalBench package is ideal for calibration of these common devices/instruments as well as performing much more:

- Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.
- Temperature and Loop: Sensors, Indicators, Thermocouple and RTD Transmitters, Process Calibrators, PRTs, Thermistors.
- Electrical/Electronic: Multimeters, AC/DC Signal Sources, Clamp Meters, Data Loggers, Tachometers, Insulation Testers, Ohmmeters, Decade Boxes, RCL Meters.
- Frequency: Oscilloscopes (2.2GHz), Frequency Meters, Timer Counters.
- Dimensional: Verniers, Calipers, Micrometers, Depth Gauges

Contents and Purposes (items in bold are the difference between the CBP-WW2 Package, note the 7085A module is removed but benchtop equivalent included)

ITEM #	CODE	BASIC DESCRIPTION	PURPOSE
1	7080	CalBench (W2000 x D850 x H1568): Height adjustable bench frame, work top, primary console with 7082 mains power control and distribution module (incl. 2 x output sockets), 4 x under console sockets, and under console lighting.	Provides an ergonomic workspace for various calibration and testing applications. A wide range of modules can be fitted to the primary console creating a highly flexible system that is both functional and easy to use.
2	7131	Combination 1 drawer + Cabinet Unit (W500 x D550 x H600mm) <i>Also available: 7120: Cabinet with 1 door & 1 x shelf, 7121: 2 drawer unit, 7122:3 drawer unit, 7132: 5 drawer unit</i>	For general storage of tools and drawer for keeping documents etc.
3	7125	20 piece tool hook kit for perfo panel	For holding various instruments, devices and tools.
4	7133	Magnet set for perfo panel (10 x round, 10 x hook type)	For pinning documents to the rear perfo panel, holding tools and extras.
5	7139	Shelf for perfo panel (W450 x D250 x H130mm)	Suitable for holding portable equipment and tools.
6	7087	Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/6A, 48V/3A	Provides a DC power supply to various loop instrumentation under test.
7	7052	30V DC 3A Adjustable Power Supply Module - Digital	Provides a variable precision DC power supply for various applications.
8	7051+	CalBench Control Centre & Multifunction Calibrator Module <ul style="list-style-type: none"> • Integral Calibrator, 6.5 digit Multimeter, and Touch Screen PC • Source up to 1050V AC/DC voltage / Up to 22A AC/DC current • Source up to 1GΩ resistance / Source capacitance and inductance • Thermocouple simulate and measure / PT100 simulate and measure • Multimeter - AC/DC 1kV/3A, 0 to 100MΩ resistance, 300kHz frequency • Oscilloscope calibration • Internal PC with Windows 8 operating system, calibrator & multimeter control programs & EasyCal calibration software • Clamp meter adaptor and tacho meter adaptor included • Accessories included such as keyboard, Printer, DVD-RW, 4 port USB hub, Numeric key pad, USB Stick, Bar code reader and label printer 	Allows automated calibration for a wide range of electronic test, pressure, temperature and electrical instrumentation. Provides precision electronic calibration source and measurement functions to calibrate a wide range of digital and analogue multimeters, frequency meters, ohm meters, AC/DC millivoltmeters, decade boxes, thermocouple indicators and sensors, clamp meters, oscilloscopes, timer counters, RTDs. Further to this it provides communication with pressure modules. EasyCal enables the user to automate the calibration process and increase speed of calibration and consistency of results. Easily produce calibration certificates and reports to ISO 9001, ISO 17025, and other international quality standards.
9	9769	7051 internal option: Scope 2.2GHz Levelled Sine Generator	Enhances the 7051+ calibration capabilities for higher range oscilloscopes.
10	CC12A	7051 Control Centre Upgrade with 12.1" Capacitive Touch Screen	Increased screen size suitable for procedure development and general PC work. Computer RAM upgrade (8 GB) and hard drive upgrade (120 GB).
11	7030B/7107	Automatic Pressure Calibrator Module: Vacuum to 100bar (1500psi) <i>Other ranges available: Vacuum to 0.2, 2, 5, 10, 20, 35, 70 bar (or custom range)</i>	A high speed pressure controller/calibrator suitable for wide workload calibration of pressure devices such as transmitters, sensors and gauges.
12	7030BARO	Barometric reference option for 7030B	To enable absolute pressure measurements using the 7030B.
13	7059/7103	Combined Vacuum/Pressure Calibrator: Vacuum to 10bar (150psi) <i>Other ranges available: -0.2 to 0.2, vac to 2, vac to 5 bar</i>	For calibration of vacuum and low range pressure instruments, switches, gauges, transmitters, transducers, with regulated output, EasyCal compatible.
14	7062/7104	Pressure Calibration Module with regulator: 0 to 20bar (300psi) <i>Other ranges available: 0.2, 2, 5, 10 bar</i>	For calibration of pressure devices and instruments, with regulated output and simple operation, EasyCal software compatible.
15	7064/7108	High Pressure Calibration Module with regulator: 0 to 200bar (3000psi) <i>Other ranges available: 35, 70, 100 bar</i>	For calibration of high range pneumatic pressure devices, EasyCal compatible.
16	7038/7110	Multi Function Pressure Indicator Module: 0 to 600bar (8500psi) <i>Other ranges available: 0.2, vac to 2, 5, 10, 20, 35, 70, 100, 200, 400 bar</i>	For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.
17	7066/7102	Differential Pressure Calibration Module: 0 to ±5bar (70psi) <i>Other ranges available: 0.2, 2, 10 bar</i>	For calibration of differential pressure instrumentation, EasyCal compatible.
18	7085P	Benchtop Temperature Distribution Unit (Thermocouple and RTD)	A temperature distribution unit that switches 8 thermocouple inputs & 1 RTD reference to a common output, for batch thermocouple calibration using EasyCal software to control a dry block calibrator & the 7051+ measure mode.
19	7198	Complete Fittings/Adaptors/Hoses Kit for calibrators & pumps	Provides all the required pressure connections & fittings for modules & pumps.
20	7194A	Benchtop Pneumatic Calibration Pump: Vacuum to 200bar (3000psi)	For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
21	7195	Benchtop Hydraulic Calibration Pump: Vacuum to 700bar (10,000psi)	For manual hydraulic pressure generation to 700bar, for use with the 7038 (600bar) indicator module.
22	7161P	Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psi)	A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
23	7161H	Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psi)	A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
24	TXG-STD	Benchtop Transmitter and Gauge stand	A benchtop unit that provides a simple method of securing a transmitter, pressure gauge or process device for calibration on the bench.
25	7072	Dry Block Calibrator: 33 to 650°C (91 to 1202°F) <i>Other models available: 7070: -17 to 140°C, 7071: 33 to 320°C, DB1200: 300 to 1205°C</i>	Provides a temperature source for the calibration of probes, RTDs, and more. Used with the temperature measurement of the 7051+, EasyCal and 7085P.
26	7151	Vernier and Micrometer Calibration Kit	A kit to enable calibration of verniers, calipers, micrometers, & depth gauges.
27	5069	Insulation Tester Calibrator (100KΩ to 100GΩ, up to 10kV operation)	For calibrating insulation testers & megohmmeters with test voltages up to 10kV.
28	7149	Electrical Vacuum Pump	Supplies the 7059 regulated module a vacuum pressure source.
29	CERTS	Factory Calibration Certificates for all calibration equipment and modules in the package	Certifies all calibration modules and additional test instruments have been tested in the TE factory (NPL traceable).

Customise this package:

Add or remove modules, fit a secondary console, change pressure ranges, include various extras from the TE range.



Time Electronics

About CalBench Packages



About CalBench

CalBench is the ultimate multifunction calibration station from Time Electronics. Each bench is custom-made to meet specific user requirements. Offering versatility and precision it is ideal for laboratories and workshops in need of multi-product testing that meets the highest industry standards.

A wide range of modules can be fitted to the primary console creating a highly flexible system that is both functional and easy to use. Further expansion can be achieved by adding the secondary console, mounted under the primary.

Calibration modules cover electronic signal, temperature, loop, and pressure applications. Power supplies, multimeters, oscilloscopes and generator modules can also be fitted into the bench consoles. Functions are clearly defined on each module and a competent technician will quickly master the operation of the system without training or constant reference to manuals. Various fittings, functions, and additional devices can be added to CalBench to create a comprehensive work environment.

About CalBench Packages

As a guideline for customers Time Electronics have configured a series of packages to cover common industrial calibration applications. Each package is designed to provide the end user with a system for multi instrument and device calibration, with modules to cover the testing workload and accompanying accessories to aid applications.

Each package can be customised as required, with additional modules and extras available for inclusion into the system.

Available Packages

- **CBP-MT Manual Training CalBench Packages**
For learning calibration of process & pressure instrumentation.
- **CBP-PI Process Instrumentation CalBench Packages**
For calibration of industrial process & pressure instrumentation.
- **CBP-PP Pneumatic Pressure CalBench Packages**
For calibration of pneumatic pressure instruments.
- **CBP-PHP Pneumatic/Hydraulic Pressure CalBench Packages**
For calibration of pneumatic & hydraulic pressure instruments.
- **CBP-ET Electrical/Temperature CalBench Packages**
For calibration of various electrical & temperature instruments.
- **CBP-EE Electrical/Electronic CalBench Packages**
For calibration of various electrical & electronic test equipment.
- **CBP-WW Wide Workload CalBench Packages**
For wide workload calibration of various instruments & devices.
- **CBP-UN Universal CalBench Packages**
For multi product calibration, R&M and various applications.
- **CBP-RM Repair and Maintenance CalBench Packages**
For repair and maintenance applications.

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