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Example CalBenches

An overview of some configured CalBench solutions for industrial calibration

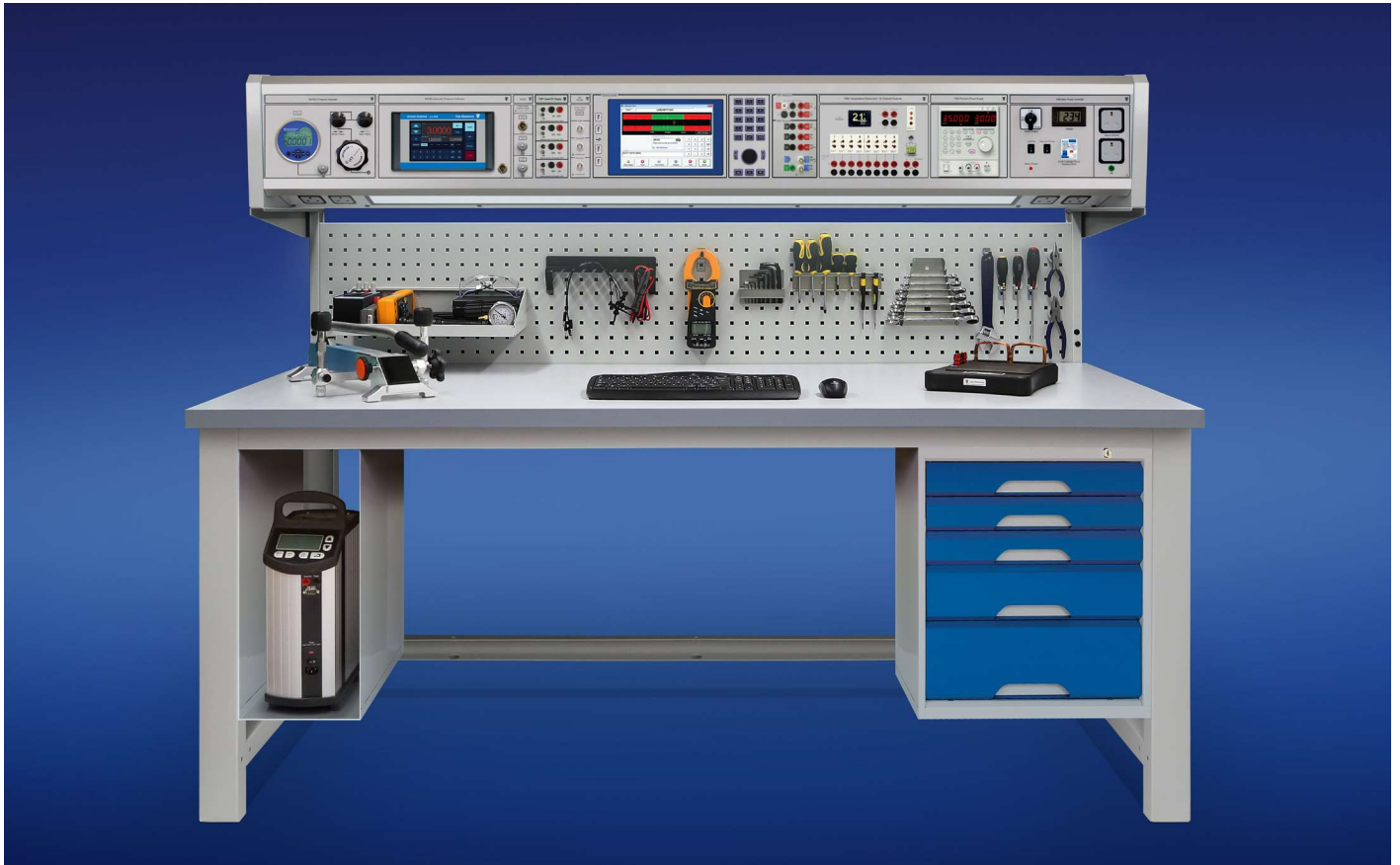
Wide Workload CalBench
Process and Pressure CalBench
Electrical CalBench
Repair and Maintenance CalBench





CBP-WW1: Wide Workload CalBench

A pre-configured CalBench for electrical, temperature and pressure calibration



About the Wide Workload CalBench

The CBP-WW1 is a CalBench package designed to provide users with a turnkey solution to calibrate instruments and devices used across industries. It offers a selection of features and functions to enable automated calibration using EasyCal software on the 7051Plus multifunction calibrator and control centre module.

- Multi instrument and device testing
- Multifunction calibrator module with 6.5 digit DMM and PC control centre
- Source and measure voltage, current, resistance, frequency and more
- RTD and thermocouple simulation and measurement
- Automatic pressure controller module for calibration from vacuum to 20bar
- Regulated pressure calibration module for vacuum to 200bar
- Precision pressure measurement modules for 2bar, 100bar and 700bar
- Benchtop pumps, pressure adaptor kit and electrical vacuum pump included
- Fixed and variable DC power supply modules for powering devices under test
- Control centre operated 100MHz oscilloscope
- Temperature interface module for batch thermocouple calibration
- Dry block calibrators for temperature sourcing, automatic control via EasyCal
- Automated calibration using EasyCal software with printers and extras supplied

Calibration Capabilities

Pressure

Gauges, calibrators, transducers, transmitters, indicators, switches, valves, controllers, manometers, chart recorders.

Temperature

Temperature sensors, indicators, thermocouple and RTD transmitters, recorders, controllers, thermometers, process calibrators, PRTs, thermistors.

Electrical / Frequency

Multimeters, AC/DC signal sources, clamp meters, data loggers, tachometers, ohmmeters, decade boxes, RCL meters, conductance meters, inductance meters, oscilloscopes, frequency meters, frequency counters, timer counters.



Wide Workload CalBench: Items in Package

The modules and items in the CBP-WW1 Wide Workload CalBench package

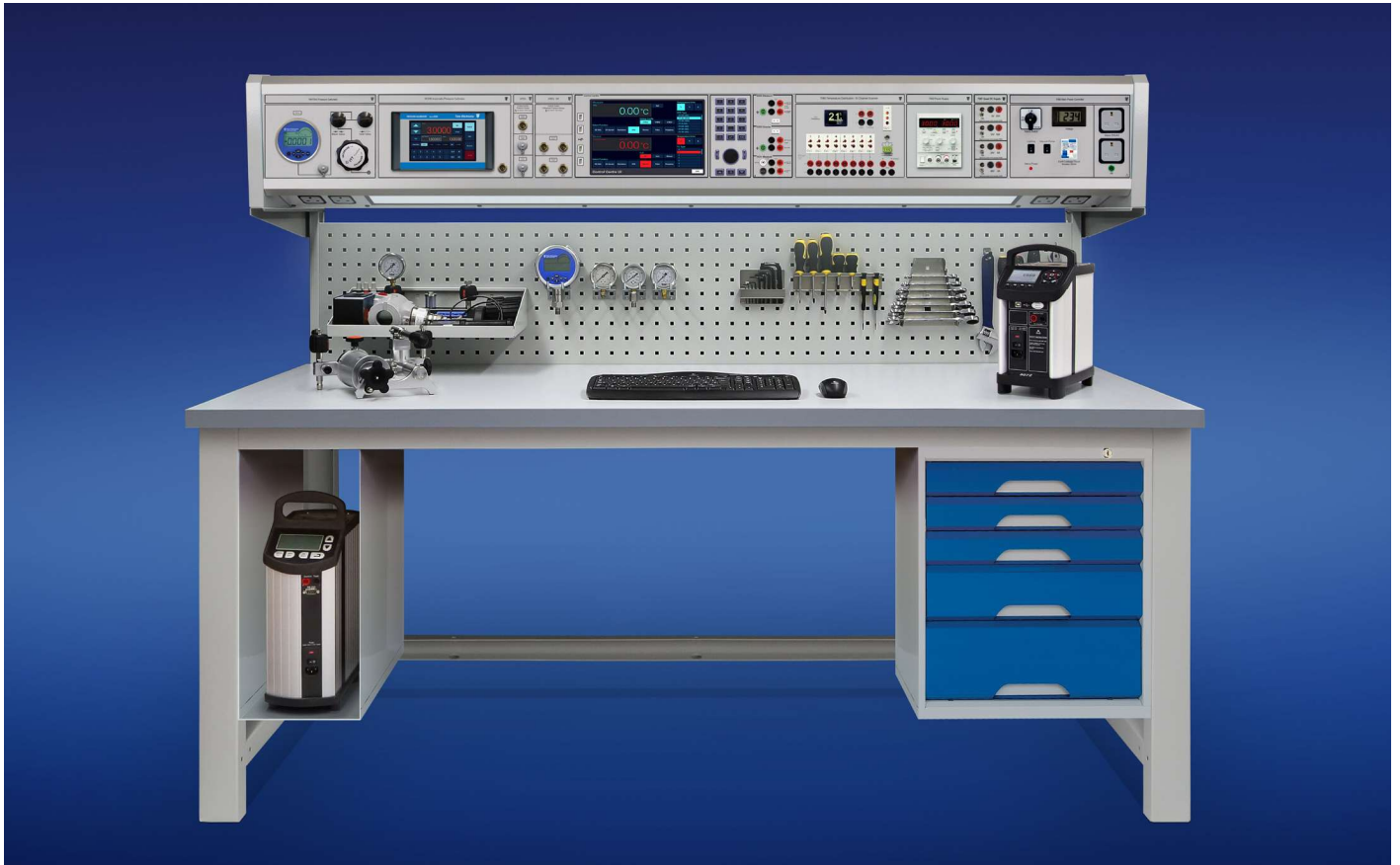


Item #	QTY	Code	Basic Description	Basic Purpose
1	1	7080-HD	CalBench Heavy Duty Version (W2000 x D850 x H1568) Framework bench style with worktop, perforated panel, primary console with 7082 mains power controller module.	Provides an ergonomic workspace for various calibration applications. Modules below to be fitted to the primary console for testing workload.
2	1	7137	Perfo Panel Option: 40 piece Tool Hook Kit	For holding various tools and accessories.
3	1	7139	Perfo Panel Option: Shelf (W450 x D250 x H130mm)	Suitable for storing equipment and tools.
4	1	7133	Magnet Set for Perfo Panel (10 x round, 10 x hook type)	For securing documents and small tools to perfo panel.
5	1	7132	5 Drawer Unit (W500 x D550 x H600mm)	For storage of equipment, tools, documents etc.
6	3	7134	Slotted Divider Kit for drawers inside 7132	Partitions the drawer units for parts and components.
7	1	7123	CPU/Dry Block Calibrator Holder	For storing dry block calibrators when not in use.
8	1	7051+	Multifunction Calibrator and Control Centre Module Advanced system package for precision source and measure capabilities. Integral calibrator, 6.5 digit multimeter, PC and EasyCal software. Operation via 12.1" touch screen display. Built-in communication with compatible modules.	Source and measure electrical, electronic, frequency, temperature. Enables users to calibrate process and electrical instruments like sensors, multimeters, clamp meters, scopes and more. EasyCal software and accessories included for automation, administration and certificate generation.
9	1	CCPAD	Control Centre Numeric Keypad Module with jog dial	Ergonomic method of data entry to EasyCal software.
10	1	8030B/G20b/CV2b/ BARO	Automatic Pressure Calibrator Module with multiple ranges Sensor 1: 0 to 20bar, 0.01% FS accuracy Sensor 2: Vacuum to 2bar, 0.01% FS accuracy Sensor 3: Barometric Reference	For automated pressure calibration. 20bar range for workload pneumatic testing of gauges, transmitters etc. Ranges can be modified as per customer requirements.
11	1	RMTEG-G200b/0.02	TE Digital Pressure Gauge Module with Regulator 0 to 200bar, 0.02% FS accuracy	For high range pneumatic calibration work, with a line supply typically from a gas cylinder to enable regulator adjustment.
12	1	XTEG-G700b/0.02/M	Gauge Pressure Measurement Module 0 to 700bar, 0.02% FS accuracy	For hydraulic calibration with accompanying pump.
13	1	XTEG-G100b/0.02/M	Gauge Pressure Measurement Module 0 to 100bar, 0.02% FS accuracy	For mid/high range pneumatic calibration work. Used with 7194A pump or T-piece method from RMTEG-G200b/0.02.
14	1	XTEG-CV2b/0.02/M	Compound Pressure Measurement Module -1 to 2bar, 0.02% FS accuracy	For low range pressure calibration. Used with 7194A pump or T-piece method from 7030B module.
15	1	7085A	Auto Switching Temperature Distribution Module	Connection module to enable batch testing of temperature devices like thermocouples.
16	1	7053	56V DC 4A Adjustable Power Supply Module - Digital	A variable DC supply to supplement various applications.
17	1	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.
18	1	CCSCOPE-2208B	Integral Oscilloscope with Connection Module 100MHz, 2 channel, operation via control centre	For basic R&M applications, fault finding and diagnostic work.
19	1	7149	Electrical Vacuum Pump	Provides a vacuum for pressure modules.
20	1	7149-HCO	Housing and Connectivity Option for the 7149 vacuum pump	Compact housing for the 7149 pump, situated under bench.
21	1	7195	Benchtop Hydraulic Pressure Calibration Pump Vacuum to 700bar	Provides hydraulic pressure to 700bar XTEG module.
22	1	7194A	Benchtop Pneumatic High Pressure Calibration Pump Vacuum to 200bar	Pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
23	1	7198	Pressure Calibration Accessories Kit A comprehensive selection of fittings, adaptors and hoses	Provides all the required pressure connections and fittings for modules and pumps to UUT's.
24	1	TXG-STD	Benchtop Transmitter and Gauge Stand	For positioning UUT's on CalBench worktop.
25	1	8072	Dry Block Calibrator (28 to 660°C) with metric multi hole insert (1x3,2x4,1x5,1x6,1x9mm), blank insert, EasyCal software driver	Temperature source for the calibration of probes, RTDs, and more. Automated operation with 7051+, EasyCal and 7085A.
26	1	8072-METP	Pack of 16 Metric Inserts for 8072 - 3mm to 20mm holes	Inserts for use with different probe sizes, used with 8072.
27	1	7073	Dry Block Calibrator (300 to 1205°C) with metric multi hole insert (3,4,6mm), blank insert, EasyCal software driver	Temperature source for the calibration of thermocouples. Automated operation with 7051+, EasyCal and 7085A.
28	1	7073-METP	Pack of 10 Metric Inserts for 7073 - 3,4,5,6,7,8,9,10,11,12mm	Inserts for use with different probe sizes, used with 7073.
29	1	CERTS	Traceable Calibration Certificates - for all test modules and additional test equipment	Certifies all calibration modules and additional test instruments have been tested in the TE factory to international standards.



CBP-PROC1: Process CalBench

A pre-configured CalBench for the calibration of process and pressure instrumentation



About the Process CalBench

The CBP-PROC1 CalBench is a package that provides users with the capabilities to perform rapid calibration of process and pressure instrumentation. It is an ideal solution for instrument workshops that require a high performance workstation as the platform for calibration of plant devices and instruments.

- Dedicated process instrumentation calibration bench
- Process calibrator module with 6.5 digit DMM and PC control centre
- Source and measure voltage, current, resistance, frequency and more
- RTD and thermocouple simulation and measurement
- HART communication
- Automatic pressure controller module for calibration from vacuum to 20bar
- Regulated pressure calibration module for vacuum to 200bar
- Precision pressure measurement modules for pneumatic, hydraulic, & differential
- Benchtop pumps, pressure adaptor kit and electrical vacuum pump included
- Fixed and variable DC power supply modules for powering devices under test
- Temperature interface module for batch thermocouple calibration
- Dry block calibrators for temperature sourcing, automatic control via EasyCal
- Automated calibration using EasyCal software with printers and extras supplied

Calibration Capabilities

Pressure

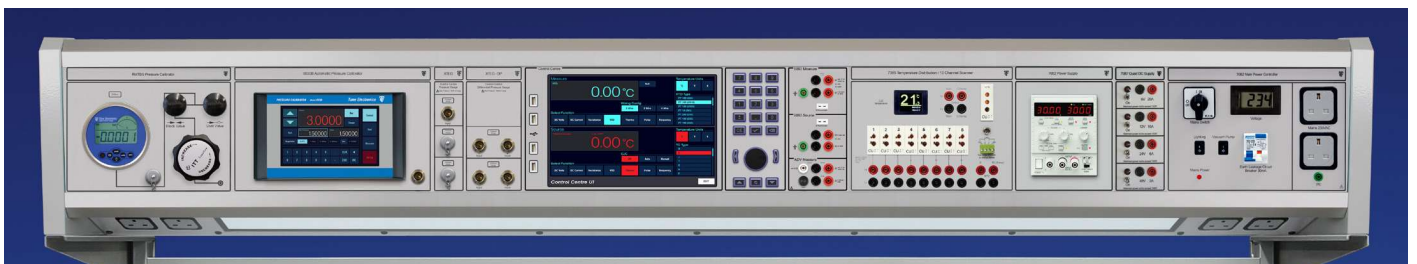
Gauges, calibrators, transducers, transmitters, indicators, switches, valves, controllers, manometers, chart recorders.

Temperature

Temperature sensors, indicators, thermocouple and RTD transmitters, recorders, controllers, thermometers, process calibrators, PRTs, thermistors.

Electrical and Process

Calibrators, mV/mA meters, decade boxes, flow totalizers, DP flow transmitters, pulse meters, tachometers, counters.



Process CalBench: Items in Package

The modules and items in the CBP-PROC1 Process CalBench package



Item #	QTY	Code	Basic Description	Basic Purpose
1	1	7080-HD	CalBench Heavy Duty Version (W2000 x D850 x H1568) Framework bench style with worktop, perforated panel, primary console with 7082 mains power controller module.	Provides an ergonomic workspace for various calibration applications. Modules below to be fitted to the primary console for testing workload.
2	1	7137	Perfo Panel Option: 40 piece Tool Hook Kit	For holding various tools and accessories.
3	1	7139	Perfo Panel Option: Shelf (W450 x D250 x H130mm)	Suitable for storing equipment and tools.
4	1	7133	Magnet Set for Perfo Panel (10 x round, 10 x hook type)	For securing documents and small tools to perfo panel.
5	1	7132	5 Drawer Unit (W500 x D550 x H600mm)	For storage of equipment, tools, documents etc.
6	3	7134	Slotted Divider Kit for drawers inside 7132	Partitions the drawer units for parts and components.
7	1	7123	CPU/Dry Block Calibrator Holder	For storing dry block calibrators when not in use.
8	1	8060+	Process Calibrator and Control Centre Module Advanced system package for precision source and measure capabilities. Integral process calibrator, 6.5 digit multimeter, PC and EasyCal software. Operation via 12.1" touch screen display. Built-in communication with compatible modules.	Source and measure process signals for electrical, frequency, temperature. Enables users to calibrate process instrumentation like transmitters, RTDs, thermocouples and more. EasyCal software and accessories included for automation, administration and certificate generation.
9	1	CCPAD	Control Centre Numeric Keypad Module with jog dial	Ergonomic method of data entry to EasyCal software.
10	1	8030B/G20b/CV2b/ BARO	Automatic Pressure Calibrator Module with multiple ranges Sensor 1: 0 to 20bar, 0.01% FS accuracy Sensor 2: Vacuum to 2bar, 0.01% FS accuracy Sensor 3: Barometric Reference	For automated pressure calibration. 20bar range for workload pneumatic testing of gauges, transmitters etc. Ranges can be modified as per customer requirements.
11	1	RMTEG-G200b/0.02	TE Digital Pressure Gauge Module with Regulator 0 to 200bar, 0.02% FS accuracy	For high range pneumatic calibration work, with a line supply typically from a gas cylinder to enable regulator adjustment.
12	1	XTEG-G700b/0.02/M	Gauge Pressure Measurement Module 0 to 700bar, 0.02% FS accuracy	For hydraulic calibration with accompanying pump.
13	1	XTEG-G100b/0.02/M	Gauge Pressure Measurement Module 0 to 100bar, 0.02% FS accuracy	For mid/high range pneumatic calibration work. Used with 7194A pump or T-piece method from RMTEG-G200b/0.02.
14	1	XTEG-CV2b/0.02/M	Compound Pressure Measurement Module -1 to 2bar, 0.02% FS accuracy	For low range pressure calibration. Used with 7191 pump or T-piece method from 7030B module.
15	1	XTEG-DP700mb/0.02/M	Differential Pressure Measurement Module 0 to +/-700mbar, 0.02% accuracy	For differential pressure calibration of transmitters etc. Used with 7191 pneumatic pump for fine control input.
16	1	XTEG-DP200mb/0.05/M	Differential Pressure Measurement Module 0 to +/-200mbar, 0.05% accuracy	For low range differential pressure calibration of transmitters etc. Used with 7191 pneumatic pump for fine control input.
17	1	7085A	Auto Switching Temperature Distribution Module	Connection module to enable batch testing of temperature devices like thermocouples.
18	1	7052	30V DC 3A Adjustable Power Supply Module - Digital	A variable DC supply to supplement various applications.
19	1	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.
20	1	7149	Electrical Vacuum Pump	Provides a vacuum for pressure modules.
21	1	7149-HCO	Housing and Connectivity Option for the 7149 vacuum pump	Compact housing for the 7149 pump, situated under bench.
22	1	7195	Benchtop Hydraulic Pressure Calibration Pump Vacuum to 700bar	Provides hydraulic pressure to 700bar XTEG module.
23	1	7194A	Benchtop Pneumatic High Pressure Calibration Pump Vacuum to 200bar	Pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
24	1	7191	Pneumatic Benchtop Pump Vacuum to 4bar	Enables precise, fine control input of low pressure for pneumatic work. Suitable for use with XTEG measurement modules.
25	1	7198	Pressure Calibration Accessories Kit A comprehensive selection of fittings, adaptors and hoses	Provides all the required pressure connections and fittings for modules and pumps to UUT's.
26	1	TXG-STD	Benchtop Transmitter and Gauge Stand	For positioning UUT's on CalBench worktop.
27	1	8072	Dry Block Calibrator (28 to 660°C) with metric multi hole insert (1x3,2x4,1x5,1x6,1x9mm), blank insert, EasyCal software driver	Temperature source for the calibration of probes, RTDs, and more. Automated operation with 8060+, EasyCal and 7085A.
28	1	8072-METP	Pack of 16 Metric Inserts for 8072 - 3mm to 20mm holes	Inserts for use with different probe sizes, used with 8072.
29	1	7073	Dry Block Calibrator (300 to 1205°C) with metric multi hole insert (3,4,6mm), blank insert, EasyCal software driver	Temperature source for the calibration of thermocouples. Automated operation with 8060+, EasyCal and 7085A.
30	1	7073-METP	Pack of 10 Metric Inserts for 7073 - 3,4,5,6,7,8,9,10,11,12mm	Inserts for use with different probe sizes, used with 7073.
31	1	CERTS	Traceable Calibration Certificates - for all test modules and additional test equipment	Certifies all calibration modules and additional test instruments have been tested in the TE factory to international standards.



CBP-ELEC1: Electrical CalBench

A pre-configured CalBench for electrical, electronic, frequency and temperature calibration



About the Electrical CalBench

A CalBench package that provides users with modules and extras for the calibration of electrical and electronic test tools, instruments and devices. It allows users to test and maintain a wide range of instruments commonly used by engineers in industrial plants, with a high level of automation to ensure rapid turnarounds.

- Comprehensive calibration of electrical and electronic test tools
- Multifunction calibrator module with 6.5 digit DMM and PC control centre
- Source and measure voltage, current, resistance, frequency and more
- Oscilloscope calibration with 2.2GHz levelled sine wave generation
- RTD and thermocouple simulation and measurement
- Electrical tester calibrator module for RCD, loop, and insulation
- Benchtop insulation tester calibrator for increased range coverage
- 50MHz function generator module for test and repair work
- Variable AC and DC power supply modules for functional testing of equipment
- Control centre operated 100MHz oscilloscope and 6GHz frequency counter
- Automated calibration using EasyCal software with printers and extras supplied
- Extras include solder and re-work station, service kit and ESD workstation kit

Calibration Capabilities

Electrical and Electronic

Multimeters, AC/DC signal sources, clamp meters, data loggers, tachometers, ohmmeters, decade boxes, RCL meters, watt meters, conductance meters, inductance meters, continuity testers.

Electrical Test and Frequency

RCD testers, loop testers, earth ground testers, insulation testers, multifunction installation testers, micro ohm meters, portable appliance testers, oscilloscopes, frequency meters, frequency counters, timer counters.

Temperature

Sensors, transmitters, indicators, RTDs, thermocouples, recorders, controllers, thermometers, process calibrators, PRTs, thermistors.

Note: A dry block calibrator is required for temperature sourcing on certain applications



Electrical CalBench: Items in Package

The modules and items in the CBP-ELEC1 Electrical CalBench package



Item #	QTY	Code	Basic Description	Basic Purpose
1	1	7080	CalBench Cantilever Version (W2000 x D850 x H1568) Cantilever bench style with worktop, perforated panel, primary console with 7082 mains power controller module.	Provides an ergonomic workspace for various calibration applications. Modules below to be fitted to the primary console for testing workload.
2	1	7137	Perfo Panel Option: 40 piece Tool Hook Kit	For holding various tools and accessories.
3	1	7139	Perfo Panel Option: Shelf (W450 x D250 x H130mm)	Suitable for storing equipment and tools.
4	1	7133	Magnet Set for Perfo Panel (10 x round, 10 x hook type)	For securing documents and small tools to perfo panel.
5	1	7141	Perfo Panel Option: Storage Bin Strip (W450 x H75mm). Supplied with 4 x 1L bins	For storage of components and small tools.
6	1	7122	3 Drawer Unit (W500 x D550 x H450mm)	For storage of equipment, tools, documents etc.
7	3	7134	Slotted Divider Kit for drawers inside 7122	Partitions the drawer units for parts and components.
8	1	7051+	Multifunction Calibrator and Control Centre Module Advanced system package for precision source and measure capabilities. Integral calibrator, 6.5 digit multimeter, PC and EasyCal software. Operation via 12.1" touch screen display. Built-in communication with compatible modules.	Source and measure electrical, electronic, frequency, temperature. Enables users to calibrate process and electrical instruments like sensors, multimeters, clamp meters, scopes and more. EasyCal software and accessories included for automation, administration and certificate generation.
9	1	9769	7051 Internal Option: 2.2GHz Levelled Sine Generator	An internally fitted option that enables the calibrator to output a pure sine wave up to 2.2GHz, for calibration of oscilloscopes.
10	1	5030B	Electrical Tester Calibrator Module	Calibrate RCD, loop, insulation, earth testers and multifunction installation testers.
11	1	CCSCOPE-2208B	Integral Oscilloscope with Connection Module 100MHz, 2 channel, operation via control centre	For basic R&M applications, fault finding and diagnostic work.
12	1	CC-FRQC	Integral Frequency Counter with Connection Module 6000MHz, operation via control centre	For frequency measurement applications in fault diagnostics and repair work.
13	1	7031	50MHz Function/Arbitrary/Pulse Generator	Used to generate different types of electrical waveforms over the frequency range, for test and repair applications.
14	1	7088D	Adjustable AC Supply Module with Digital Displays Variable output voltage from 0 to 110% above line input. 0 to 265V 50Hz, 10A at 240V. 0 to 121V 50Hz, 10A at 110V.	Provides variable 50Hz AC power up to 10A with two digital meters monitoring the output voltage and current. For general purpose use and R&M applications.
15	1	7053	56V DC 4A Adjustable Power Supply Module - Digital	A variable DC supply to supplement various applications.
16	1	5069	Benchtop Insulation Tester Calibrator Decade resistance 100k Ohm - 100G Ohm	For calibrating insulation testers and megohmmeters with test voltages up to 9kV.
17	1	7145	High Performance Soldering/De-soldering/Rework Station Includes soldering iron, de-soldering tool & hot air rework tool, standard tips and nozzles	High quality soldering, for electronics, components etc. A comprehensive unit that features a built-in pump for vacuum and air flow, and three simultaneously powered ports.
18	1	7146	Extra solder tips (6 piece set)	A selection of soldering tips for use with the 7145 unit.
19	1	TL90	High Performance Magnification and Inspection Light	A magnifier with 48 premium LEDs to illuminate a 6" wide-angle, distortion-free lens. For inspection of circuit boards etc.
20	1	7183	Electronic service case (82 tools)	A comprehensive selection of tools for electrical and electronic service work.
21	1	7186	ESD Workstation Kit for CalBench Benchtop mat, signage, bonding plugs, wrist strap & leads	An antistatic mat to cover the benchtop when needed. A kit to eliminate static electricity and prevent ESD damage.
22	1	CERTS	Traceable Calibration Certificates - for all test modules and additional test equipment	Certifies all calibration modules and additional test instruments have been tested in the TE factory to international standards.



CBP-RM1: Repair and Maintenance CalBench

A pre-configured CalBench for R&M applications



About the R&M CalBench

The CBP-RM1 is a package featuring a multi-purpose CalBench with various extras for common repair and maintenance applications. It is an excellent system for electrical workshops that need a solution to fast and efficient instrument and device diagnostics.

This package creates a highly organised workspace with familiar test and measurement instruments integrated into the console of the CalBench. Modules include variable AC and DC power supplies, an oscilloscope, function generator and digital multimeter. This module selection provides engineers with a range of features and functions to perform service work where signal generation and analysis is required.

Additionally a soldering station module allows users to perform basic repairs of devices and work on electrical components. Accessories that complement the module include a fume extractor, magnifying lamp and circuit board holder.

Features

- CalBench for R&M, diagnostics, fault finding and analysis
- Suitable for electrical workshops in process and power plants
- Modules to help users investigate behaviours of instruments
- Oscilloscope and digital multimeter modules
- Variable AC and DC power supply modules
- Function generator with frequency counter module
- Solder station module with accompanying benchtop extras
- PC housed under worktop with monitor mounted to perforated panel
- Antistatic mat included (ESD type worktop optional)
- Comprehensive kit of electronics service tools included



Repair and Maintenance CalBench: Items in Package

The modules and items in the CBP-RM1 Repair and Maintenance CalBench package



Item #	QTY	Code	Basic Description	Basic Purpose
1	1	7080	CalBench Cantilever Version (W2000 x D850 x H1568) Cantilever bench style with worktop, perforated panel, primary console with 7082 mains power controller module.	Provides an ergonomic workspace for various calibration applications. Modules below to be fitted to the primary console for testing workload.
2	1	7137	Perfo Panel Option: 40 piece Tool Hook Kit	For holding various tools and accessories.
3	1	7139	Perfo Panel Option: Shelf (W450 x D250 x H130mm)	Suitable for storing equipment and tools.
4	1	7133	Magnet Set for Perfo Panel (10 x round, 10 x hook type)	For securing documents and small tools to perfo panel.
5	1	7141	Perfo Panel Option: Storage Bin Strip (W450 x H75mm). Supplied with 4 x 1L bins	For storage of components and small tools.
6	1	7131	Combination 1 Drawer + Cabinet Unit (W500 x D550 x H600mm)	For storage of equipment, tools, documents etc.
7	1	7123	Under Bench CPU Holder	For housing computer (CBPC) under worktop.
8	1	5065B	6.5 Digital Multimeter Module AC/DC voltage, AC/DC current, 2/4 wire resistance, frequency, period, diode, continuity, thermocouples and RTD	A versatile 6½ digit multimeter module with 19 measurement functions. Simple operation, stability, and high accuracy make the 5065B an ideal DMM for a variety of applications.
9	1	7024	Digital Oscilloscope Module 200MHz, 4 channel, colour LCD display	High performance scope ideal for maintenance of electronic equipment and general purpose laboratory work.
10	1	8027	25MHz Arbitrary DDS Function Generator Module With counter, sweep, AM, FM and FSK modulation	Used to generate different types of electrical waveforms over the frequency range, and frequency measurement for fault diagnostics and repair work.
11	1	7088D	Adjustable AC Supply Module with Digital Displays Variable output voltage from 0 to 110% above line input. 0 to 265V 50Hz, 10A at 240V. 0 to 121V 50Hz, 10A at 110V.	Provides variable 50Hz AC power up to 10A with two digital meters monitoring the output voltage and current. For general purpose use and R&M applications.
12	1	M-PSW160-7.2	Multi-Range DC Power Supply Module 0 ~ 160V, 0 ~ 7.2A, 360W	A regulated DC supply for inputting stable voltages, for bench testing of devices and circuits.
13	1	7034	Digital Soldering Station Module Includes soldering iron, standard tip and holder	High quality soldering, for electronics, components etc.
14	1	7146	Extra Solder Tips (6 piece set)	A selection of soldering tips for use with the 7034 module.
15	1	7147	Benchtop Fume Extraction Kit	Fume extractor for use with 7034 soldering module
16	1	TL90	High Performance Magnification and Inspection Light	A magnifier with 48 premium LEDs to illuminate a 6" wide-angle, distortion-free lens. For inspection of circuit boards etc.
17	1	7180	Circuit Board Holder	For holding circuit boards with quick and easy rotation and component insertion/soldering.
18	1	7183	Electronic Service Case (82 tools)	A comprehensive selection of tools for electrical and electronic service work.
19	1	7186	ESD Workstation Kit for CalBench Benchtop mat, signage, bonding plugs, wrist strap & leads	An antistatic mat to cover the benchtop when needed. A kit to eliminate static electricity and prevent ESD damage.
20	1	CBPC	CalBench PC Workstation Includes high performance PC, TL70 17" touch screen monitor, TL102 mounting arm, keyboard and mouse	Enable users to access necessary programs and data. An ergonomic mounting arm fixes the monitor to the CalBench perfo panel enabling it to be positioned away from the tabletop when not in use. The PC is housed in the 7123 under worktop holder.
21	1	CERTS	Traceable Calibration Certificates - for all test modules and additional test equipment	Certifies all measurement modules and additional instruments have been tested in the TE factory to international standards.