



## CBP-ELEC3: Electrical CalBench Package

*A pre-configured CalBench for electrical calibration and measurement applications*



### About the CBP-ELEC3 Package

The CBP-ELEC3 is a package featuring a CalBench with various modules and extras for common electrical and electronic service and testing applications. It includes the 5025E benchtop multifunction calibrator that provides a solution for end users to perform calibration of engineer test tools like multimeters and clamp meters. EasyCal calibration software runs on the supplied PC workstation, enabling users to automate and manage the calibration process. Peripherals are supplied, including a printer kit, label printer and bar code reader.

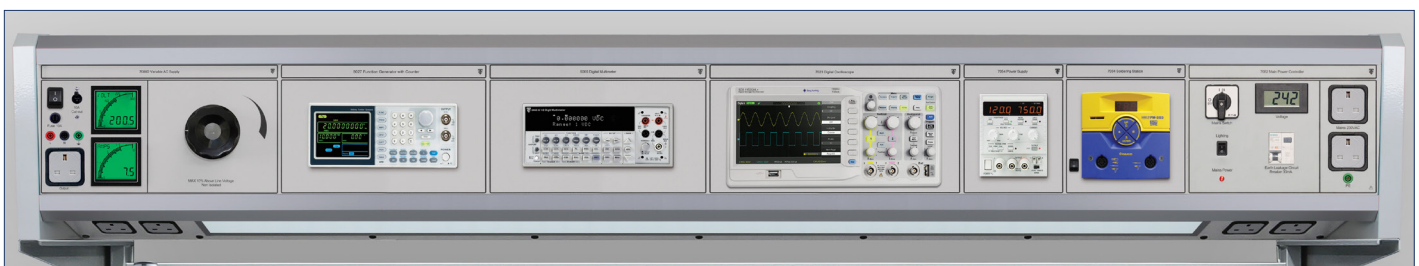
This package creates a highly organised workspace with modules such as variable AC and DC power supplies, an oscilloscope, function generator and digital multimeter. This module selection provides engineers with a range of features and functions to perform service work where signal generation and analysis is required. The benchtop instruments add further calibration capabilities.

Additionally a soldering station module allows users to perform repairs of devices and work on electrical components. Accessories that complement the module include a 6 piece tip set, magnifying lamp and circuit board holder.

An antistatic workstation kit is supplied, featuring matting to cover the worktop, bonding plugs, wrist strap and leads. For storage the bench is fitted with a 3 drawer unit, and the perforated panel has a selection of quick access storage fittings. These include tool hooks and holders, shelf, plastic bins and magnet set.

### Features

- CalBench for electrical calibration, R&M and diagnostics
- Oscilloscope and digital multimeter modules
- Variable AC and DC power supply modules
- Function generator with frequency counter module
- Benchtop electrical multifunction calibrator
- Transportable insulation tester calibrator
- PC workstation running EasyCal software for automated calibration
- Soldering station module with accessories
- Magnifying lamp and circuit board holder
- Antistatic mat included, with bonding plugs, wrist strap & leads
- Under bench drawer unit, perforated panel shelf, bins and hooks





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Item #	Qty	Code	Basic Description	Basic Purpose
1	1	7080-HD	CalBench Heavy Duty Version (W 2000 x D 850 x H 1568 mm) Framework bench style with worktop, perforated panel, primary console with 7082 mains power controller module.	Provides an ergonomic workspace for various applications. Modules below to be fitted to the primary console for the necessary workload.
2	1	7125	Perfo Panel Option: 20 piece Tool Hook Kit	For holding various tools and accessories.
3	1	7139	Perfo Panel Option: Shelf (W 450 x D 250 x H 130 mm)	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 (W 450 x H 75 mm) Supplied with 4 x 1 L bins.	For storage of components and small tools.
6	1	7122	3 Drawer Unit (W 525 x D 550 x H 450 mm)	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	7023	Digital Oscilloscope Module 150 MHz, 2 channel, colour LCD display.	Oscilloscope ideal for maintenance of electronic equipment and general purpose laboratory work.
10	1	8027	25 MHz Arbitrary 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 265 V 50 Hz, 10 A at 240 V. 0 to 121 V 50 Hz, 10 A at 110 V.	Provides variable 50 Hz AC power up to 10 A with two digital meters monitoring the output voltage and current. For general purpose use and R&M applications.
12	1	7054	120 V DC 0.75 A Adjustable Power Supply Module - Digital	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 7035 module.
15	1	5025E-S2	Benchtop Electrical Multifunction Calibrator AC/DC 1050 V / 22 A, variable resistance, Pt100 simulation, thermocouple simulation, conductance, capacitance, power calibration, 10 MHz digital frequency.	Source & simulation of signals for electrical, electronic, frequency, temperature calibration. Enables users to test and verify process and electrical instruments like sensors, multimeters, clamp meters and more.
16	1	CBPC	CalBench PC Workstation Includes high performance PC, touch screen monitor, TL102 mounting arm, keyboard and mouse. Pre-loaded with EasyCal calibration software (ECFLA below).	Primarily for use with 5025E, 5065B and EasyCal software. An ergonomic mounting arm fixes the monitor to the 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.
17	1	ECFLA	EasyCal Calibration Software	Software for automated calibration and workflow management. It enables scheduling, booking in, control & readback from compatible instruments, optimised calibration processes. Create, print & issue calibration certificates, labels & reports.
18	1	9795	Printer and Connectivity Kit Printer, DVD-RW, USB Hub, Numeric Key Pad & Memory Stick.	Allows certificates and reports to be printed as required. Also data storage, backups and connectivity.
19	1	9778	Cal and ID Label Printer	Print calibration labels, bar codes, and ID labels for tagging devices and instruments.
20	1	9777	Bar Code Reader	For reading instruments/devices that have been bar coded. Enables instant identification within EasyCal.
21	1	9780	Clamp Meter Adaptor	Used with 5025E to calibrate clamp meters.
22	1	9773	Optical Tacho Adaptor	Used with 5025E to calibrate optical tachometers.
23	1	9796	Premium Test Lead Set	Provides necessary connections for 5025E testing applications.
24	1	5069	Benchtop Insulation Tester Calibrator Decade resistance 100 kΩ to 100 GΩ.	For calibrating insulation testers and megohmmeters with test voltages up to 10 kV.
25	1	7181	Magnifying Lamp Magnifier with 175 mm diameter, 1.75x magnifying lens.	Magnification and illumination on the benchtop, for inspection of circuit boards, components etc.
26	1	7182	Table Base for magnifying lamp	Table base for 7181, allowing the unit to be moved as required.
27	1	7180	Circuit Board Holder	For holding circuit boards with quick and easy rotation and component insertion/soldering.
28	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.
29	1	CERTS	Traceable Calibration Certificates For all test modules and additional test equipment.	Certifies all source/measure modules and extra instruments have been tested in the TE factory to international standards.