



## CBP-RM2: Repair and Maintenance CalBench Package

A pre-configured CalBench for R&M applications



### About the CBP-RM2 Package

The CBP-RM2 is a functionally advanced CalBench package featuring a touch screen PC control centre and a selection of software controlled test modules. Users can access the wide range of functions and features from one ergonomic and organised workspace.

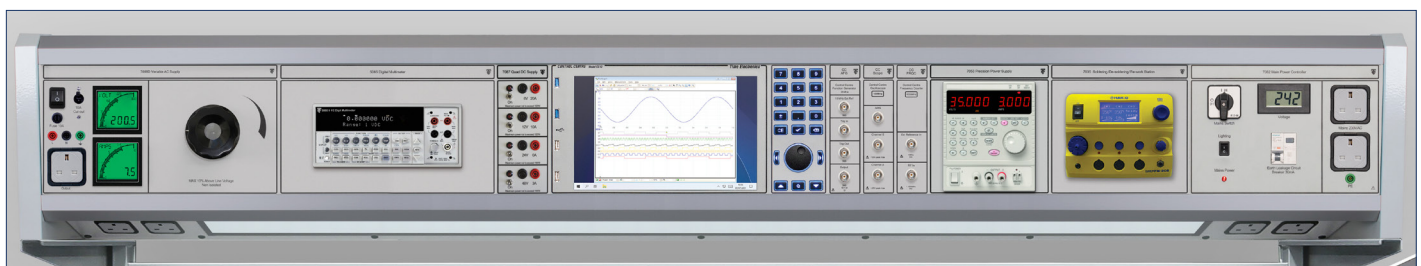
The control centre sits centrally in the console, with the connections for the software operated modules next to it. These include a 20 MHz function generator, 6 GHz frequency counter with power meter, and 100 MHz oscilloscope. These modules are utilised via their dedicated software applications running on the control centre.

Further modules include a variable AC power supply, fixed and adjustable DC power supplies, and digital multimeter. The module selection benefits engineers and technicians by combining familiar test equipment with intuitive and versatile interfaces. It is a solution for fast and efficient diagnostics and service work, but also enables users to implement and maintain quality processes from one station.

For on-bench repairs a soldering/re-work module allows users to work on devices, PCBs and components. Accompanying products include a fume extractor, magnifying lamp, circuit board holder, turntable and electronics service tool kit.

### Features

- Advanced R&M CalBench for diagnostics & fault finding
- Suitable for E&I workshops in process and power plants
- Combination of software controlled & manual operation modules
- 12.1" touch screen control centre PC module in middle of console
- Control centre function generator, frequency counter & power meter
- Control centre operated 100 MHz oscilloscope module
- Digital multimeter module (6.5 digit)
- Fixed and variable AC and DC power supply modules
- Solder and re-work module with accompanying benchtop extras
- Antistatic top and mat, with bonding plugs, wrist strap & leads
- Comprehensive kit of electronics service tools included





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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	7185	ESD grey laminate worktop for CalBench Chipboard, conductive core, 3 mm ABS edges, antistatic, scratch, impact and stain resistant.	A high quality durable anti-static worktop for the CalBench.
3	1	7137	Perfo Panel Option: 40 piece Tool Hook Kit	For holding various tools and accessories.
4	1	7139	Perfo Panel Option: Shelf (W 450 x D 250 x H 130 mm)	Suitable for storing equipment and tools.
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	7157	Articulating Keyboard Tray for CalBench	Situates the keyboard and mouse for the control centre module operations. Can be positioned under bench when not in use.
7	1	8134	Mobile 4 Drawer Unit, ESD, RAL 7035 light grey colour	Mobile storage that can situate under the CalBench.
8	1	CC12	12.1" Capacitive Touch Screen PC Control Centre Module	For use with various software and applications.
9	1	CCPAD	Control Centre Numeric Keypad Module with jog dial	Provides an ergonomic method of using the control centre module without mouse or keyboard.
10	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.
11	1	CCSCOPE-2208B	Control Centre Integral Oscilloscope (2 channel) 100 MHz with connection module, control centre operation.	For basic R&M applications, fault finding and diagnostic work.
12	1	CC-FRQC	Control Centre Integral Frequency Counter & Power Meter 6000 MHz with connection module, control centre operation.	For frequency and power measurement applications in fault diagnostics and repair work.
13	1	CC-AFG20	Control Centre Integral Function Generator 20 MHz with connection module, control centre operation.	Used to generate different types of electrical waveforms over the frequency range, and frequency measurement for fault diagnostics and repair work.
14	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.
15	1	7053	56 V DC 4 A Adjustable Power Supply Module - Digital	A variable DC supply to supplement various applications.
16	1	7087	Quad DC Power Supply Module 6 V (20 A), 12 V (10 A), 24 V (6 A), 48 V (3 A).	Provides a DC power supply to various instrumentation and devices under test.
17	1	7035	High Performance Soldering/De-soldering/Rework Module Includes soldering iron, de-soldering tool & hot air rework tool, standard tips and nozzles.	High quality soldering for electronics, components etc. A comprehensive module 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 7035 module.
19	1	7147	Benchtop Fume Extraction Kit	Fume extractor for use with 7035 soldering module.
20	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.
21	1	7180	Circuit Board Holder	For holding circuit boards with quick and easy rotation and component insertion/soldering.
22	1	7154	Benchtop turntable with locking mechanism	For practical placement of devices and parts being worked on.
23	1	7183	Electronic Service Case (76 tools)	A comprehensive selection of tools for electrical and electronic service work.
24	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.
25	1	9795	Printer and Connectivity Kit Printer, DVD-RW, USB Hub, Numeric Key Pad & Memory Stick	Peripherals for use with the control centre module, to connect and print documents and data, storage and backups.
26	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.