CalBench Packages

Pneumatic and Hydraulic Pressure Instrumentation Calibration Benches

Pre-configured test benches for calibrating pneumatic & hydraulic pressure instruments and devices
CBP-PHP1 CalBench Package
Pneumatic & Hydraulic Pressure Instrumentation Calibration Bench Package 1

Accompanying Products:
- Pressure Adaptors/Fittings Kit
- Electrical Vacuum Pump
- Pressure Manifolds
- Pneumatic Pressure Pump
- Hydraulic Pressure Pump
- Premium Test Lead Set
- Calibration Software
- Printer & Connectivity Kit
- Bar code reader & Label printer
- Transmitter & Gauge Stand
The CBP-PHP1 is a multifunction CalBench and accompanying extras designed for the calibration of pneumatic and hydraulic pressure devices from vacuum to 600bar.

- Pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar)
- Regulated pneumatic modules enable rapid calibration. 1bar differential module included.
- Digital multimeter module provides measurement capabilities for pressure transducers.
- Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump.
- Fixed and variable DC power supply modules for powering devices under test.
- Loop calibrator module provides precision V/I source and measure functions.
- Automated calibration using EasyCal software.
- Supplied with PC, EasyCal installed, monitor on retractable arm, keyboard & mouse.
- Accompanying instruments & accessories to aid and complement applications.
- Supplied with 3 drawer unit and PC holder mounted under bench.

Calibration Capabilities

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

- Pneumatic and Hydraulic Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.

Contents and Purposes

**ITEM #** | **CODE** | **BASIC DESCRIPTION** | **PURPOSE**
---|---|---|---
1 | 7080 | CalBench (W2000 x D850 x H1568): Height adjustable bench frame, worktop, 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 | 7123 | Under worktop PC holder (vertical) | For general storage of tools and drawer for keeping documents etc.
3 | 7122 | 3 drawer Unit (W500 x D550 x H450mm) | For general storage of small tools and keeping documents etc.
4 | 7125 | 20 piece tool hook kit for perfo panel | For holding various instruments, devices and tools.
5 | 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.
6 | 7139 | Shelf for perfo panel (W450 x D250 x H130mm) | Suitable for holding portable equipment and tools.
7 | 7087 | Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/8A, 48V/3A | Provides a DC power supply to various loop instrumentation under test.
8 | 7053 | 56V DC 4A Adjustable Power Supply Module - Digital | Provides a variable precision DC power supply for various applications.
9 | 7058/7103 | 6.5 digit multimeter | Provides measurement capabilities for pressure transducers and transmitters under test.
10 | 7067 | Precision Loop Calibrator Module | Provides precision source and measure functions for process and pressure devices under test. Suitable for simulation of transmitters and loop supply.
11 | 7059/7103 | Combined Vacuum/Pressure Calibrator: Vacuum to 10bar (150psi) | For calibration of vacuum and low range pressure instruments, switches, gauges, transmitters, transducers, with regulated output, EasyCal compatible.
12 | 7062/7104 | Pressure Calibration Module with regulator: 0 to 20bar (300psig) | For calibration of pressure devices and instruments, with regulated output and simple operation, EasyCal software compatible.
13 | 7064/7107 | 7084/7108 | High Pressure Calibration Module with regulator: 0 to 100bar (1500psi) | For calibration of high range pneumatic pressure devices, EasyCal compatible.
14 | 7066/7102 | Differential Pressure Calibration Module: 0 to ±5bar (70psi) | For calibration of differential pressure instrumentation, EasyCal compatible.
15 | 7038/7109 | Multi Function Pressure Indicator Module: 0 to 400bar (5800psig) | For calibration of hydraulic devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.
16 | 7038/7110 | Multi Function Pressure Indicator Module: 0 to 600bar (8500psig) | For calibration of hydraulic devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.
17 | 7198 | Complete Fittings/Adaptors/Hoses Kit for calibrators & pumps | Provides all the required pressure connections & fittings for modules & pumps.
18 | 7194A/B | Benchtop Pneumatic Calibration Pump: Vacuum to 200bar (3000psig) | For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.
19 | 7195 | Benchtop Hydraulic Calibrator: Vacuum to 700bar (10,000psig) | For manual hydraulic pressure generation to 700bar, for use with the 7038 (600bar) indicator module.
20 | 718P | Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psig) | A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
21 | 718H | Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psig) | A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.
22 | 7149 | Electrical Vacuum Pump | Supplies the 7095 regulated module a vacuum pressure source.
23 | CBPC | PC with benchtop mounted 17" touch screen monitor, keyboard & mouse. Includes a swivel arm mount monitoring arm attached to the bench top for easy mobility, maximising worktop space. | A convenient work station with PC positioned in under-tabletop holder (7123) of CalBench. Includes a benchtop mounted touch screen monitor with swivel arm to rotate the screen away from the benchtop when not being used. When configured with EasyCal, the PC workstation provides storage management for CMS data and includes instrument user manuals, company protocols and policies. The workstation can also be connected to a local network for information sharing, backup and remote maintenance.
24 | 7095 | Printer and Connectivity Kit: Includes InkJet Printer, DVD-RW, 4 Port USB Hub, Numeric Key Pad & USB Memory Stick | Allows certificates and reports to be printed as required. Also data storage and connectivity.
25 | 7077 | Bar Code Reader | For reading instruments/devices that have been bar coded. Enables instant identification within EasyCal.
26 | 7078 | Cai and ID Label Printer | Print calibration labels, bar codes, & ID labels for tagging devices & instruments.
27 | 7096 | Precision Test Lead Set | Provides connections for modules and process devices under test.
28 | 7099 | 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).
CBP-PHP2 CalBench Package
Pneumatic & Hydraulic Pressure Instrumentation Calibration Bench Package 2

Accompanying Products:
- Pressure Adaptors/Fittings Kit
- Electrical Vacuum Pump
- Pressure Manifolds
- Pneumatic Pressure Pump
- Hydraulic Pressure Pump

- Premium Test Lead Set
- Calibration Software
- Printer & Connectivity Kit
- Bar code reader & Label printer
- Transmitter & Gauge Stand

Customerise this package:
Add or remove modules, fit a secondary console, change pressure ranges, include various extras from the TE range.
## Contents and Purposes

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

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

- **Pneumatic and Hydraulic Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.**
- **Fixed and variable DC power supply modules for powering devices under test.**
- **Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump.**
- **Digital multimeter module provides measurement capabilities for pressure transducers and transmitters under test.**
- **Supplied with 3 drawer unit and PC holder mounted under bench.**
- **For general storage of small tools and keeping documents etc.**
- **Provides an ergonomic workspace for various calibration and testing applications.**
- **A high speed pressure controller/calibrator suitable for wide workload calibration of pressure devices such as transmitters, sensors and gauges.**
- **A pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar).**
- **Other ranges available: 0.2, 2, 5, 10, 20, 35, 70, 100, 200, 600 bar**
- **For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.**
- **For general storage of tools and drawer for keeping documents etc.**
- **For holding various instruments, devices and tools.**
- **For general storage of tools and drawer for keeping documents etc.**
- **For general storage of tools and drawer for keeping documents etc.**

### Calibration Capabilities

- **Provided measurement capabilities for pressure transducers and transmitters under test.**
- **For general storage of tools and drawer for keeping documents etc.**
- **For general storage of tools and drawer for keeping documents etc.**
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- **For general storage of tools and drawer for keeping documents etc.**

### Calibration Capabilities

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

- **Pneumatic and Hydraulic Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.**
- **Provided measurement capabilities for pressure transducers and transmitters under test.**
- **Supplied with 3 drawer unit and PC holder mounted under bench.**
- **For general storage of small tools and keeping documents etc.**
- **Provides an ergonomic workspace for various calibration and testing applications.**
- **A high speed pressure controller/calibrator suitable for wide workload calibration of pressure devices such as transmitters, sensors and gauges.**
- **A pneumatic & hydraulic pressure calibration modules (coverage from vacuum to 600bar).**
- **Other ranges available: 0.2, 2, 5, 10, 20, 35, 70, 100, 200, 600 bar**
- **For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.**
- **For general storage of tools and drawer for keeping documents etc.**
- **For general storage of tools and drawer for keeping documents etc.**

### Contents and Purposes

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>CODE</th>
<th>BASIC DESCRIPTION</th>
<th>PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>7060</td>
<td>CalBench (W2000 x B980 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.</td>
<td>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.</td>
</tr>
<tr>
<td>2</td>
<td>7123</td>
<td>Under worktop PC holder (vertical)</td>
<td>For general storage of tools and drawer for keeping documents etc.</td>
</tr>
<tr>
<td>3</td>
<td>7122</td>
<td>3 drawer Unit (W500 x D550 x H450mm)</td>
<td>For general storage of small tools and keeping documents etc.</td>
</tr>
<tr>
<td>4</td>
<td>7125</td>
<td>20 piece tool hook kit for perfo panel</td>
<td>For holding various instruments, devices and tools.</td>
</tr>
<tr>
<td>5</td>
<td>7133</td>
<td>Magnet set for perfo panel (10 x round, 10 x hook type)</td>
<td>For pinning documents to the rear perfo panel, holding tools and extras.</td>
</tr>
<tr>
<td>6</td>
<td>7139</td>
<td>Shelf for perfo panel (W450 x D250 x H130mm)</td>
<td>Suitable for holding portable equipment and tools.</td>
</tr>
<tr>
<td>7</td>
<td>7087</td>
<td>Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/6A, 48V/3A</td>
<td>Provides a DC power supply to various loop instrumentation under test.</td>
</tr>
<tr>
<td>8</td>
<td>7053</td>
<td>56V DC 4A. Adjustable Power Supply Module - Digital</td>
<td>Provides a variable precision DC power supply for various applications.</td>
</tr>
<tr>
<td>9</td>
<td>5065B</td>
<td>6.5 digit multimeter</td>
<td>Provides measurement capabilities for pressure transducers and transmitters under test.</td>
</tr>
<tr>
<td>10</td>
<td>7067</td>
<td>Precision Loop Calibrator Module</td>
<td>Provides precision source and measure functions for process and pressure devices under test. Suitable for simulation of transmitters and loop supply.</td>
</tr>
<tr>
<td>11</td>
<td>7059/7103</td>
<td>Combined Vacuum/Pressure Calibrator: Vacuum to 10bar (150psi)</td>
<td>For calibration of vacuum and low range pressure instruments, switches, gauges, transmitters, transducers, with regulated output, EasyCal compatible.</td>
</tr>
<tr>
<td>12</td>
<td>7062/7104</td>
<td>Pressure Calibration Module with regulator: 0 to 20bar (100psi)</td>
<td>For calibration of pressure devices and instruments, with regulated output and simple operation, EasyCal software compatible.</td>
</tr>
<tr>
<td>13</td>
<td>7030/7107</td>
<td>Automatic Pressure Calibrator Module: Vacuum to 100bar (1500psi)</td>
<td>A high speed pressure controller/calibrator suitable for wide workload calibration of pressure devices such as transmitters, sensors and gauges.</td>
</tr>
<tr>
<td>14</td>
<td>7064/7108</td>
<td>High Pressure Module with regulator: 0 to 200bar (3000psi)</td>
<td>For calibration of high range pneumatic pressure devices, EasyCal compatible.</td>
</tr>
<tr>
<td>15</td>
<td>7038/7109</td>
<td>Multi Function Pressure Indicator Module: 0 to 400bar (5800psi)</td>
<td>For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.</td>
</tr>
<tr>
<td>16</td>
<td>7038/7110</td>
<td>Multi Function Pressure Indicator Module: 0 to 600bar (8500psi)</td>
<td>For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.</td>
</tr>
<tr>
<td>17</td>
<td>7198</td>
<td>Complete Fittings/Adaptors/Hoses Kit for calibrators &amp; pumps</td>
<td>Provides all the required pressure connections &amp; fittings for modules &amp; pumps.</td>
</tr>
<tr>
<td>18</td>
<td>7194A</td>
<td>Benchtop Pneumatic Calibration Pump: Vacuum to 200bar (3000psi)</td>
<td>For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.</td>
</tr>
<tr>
<td>19</td>
<td>7195</td>
<td>Benchtop Hydraulic Calibration Pump: Vacuum to 700bar (10,000psi)</td>
<td>For hydraulic pressure generation to 700bar, for use with the 7038 (400 and 600bar) indicator modules.</td>
</tr>
<tr>
<td>20</td>
<td>718P</td>
<td>Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psig)</td>
<td>A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.</td>
</tr>
<tr>
<td>21</td>
<td>719H</td>
<td>Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psi)</td>
<td>A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.</td>
</tr>
<tr>
<td>22</td>
<td>TXG-STD</td>
<td>Benchtop Transmitter and Gauge stand</td>
<td>A benchtop unit that provides a simple method of securing a transmitter, pressure gauge or process device for calibration on the bench.</td>
</tr>
<tr>
<td>23</td>
<td>7149</td>
<td>Electrical Vacuum Pump</td>
<td>Supplies the 7059 regulated module a vacuum pressure source.</td>
</tr>
<tr>
<td>24</td>
<td>CBPC</td>
<td>PC with benchtop mounted 17” touch screen monitor, keyboard &amp; mouse. Includes a swivel arm monitor mounting arm attached to the bench top for easy mobility, maximising worktop space.</td>
<td>A convenient work station with PC positioned in under-tabletop holder (7123) of CalBench. Includes a benchtop mounted touch screen monitor with swivel arm to rotate the screen away from the benchtop when not being used. When configured with EasyCal, the PC workstation provides storage management for QMS data and includes instrument user manuals, company protocols and policies. The workstation can also be connected to a local network for information sharing, backup and remote maintenance.</td>
</tr>
<tr>
<td>25</td>
<td>ECFLA</td>
<td>EasyCal Calibration Software Suite</td>
<td>Software to provide automated calibration runs for testing applications. Complete workflow for management of calibration standards, management of instruments, job reports &amp; job data capture, calibration due reminder system, ID and barcode printing, PDF reports and certificates. Features include simulation mode, over 1200 standard calibration procedures and intuitive wizards that are used to quickly create procedures for pressure devices.</td>
</tr>
<tr>
<td>26</td>
<td>9795</td>
<td>Printer and Connectivity Kit: Includes InkJet Printer, DVD-RW, 4 Port USB Hub, Numeric Key Pad &amp; USB Memory Stick</td>
<td>Allows certificates and reports to be printed as required. Also data storage and connectivity.</td>
</tr>
<tr>
<td>27</td>
<td>9777</td>
<td>Bar Code Reader</td>
<td>For reading instruments/devices that have been bar coded. Enables instant identification within EasyCal.</td>
</tr>
<tr>
<td>28</td>
<td>9778</td>
<td>Cal and ID Label Printer</td>
<td>Print calibration labels, bar codes, &amp; ID labels for tagging devices &amp; instruments</td>
</tr>
<tr>
<td>29</td>
<td>9796</td>
<td>Premium Test Lead Set</td>
<td>Provides connections for modules and process devices under test.</td>
</tr>
<tr>
<td>30</td>
<td>CERTS</td>
<td>Factory Calibration Certificates for all calibration equipment and modules in the package</td>
<td>Certifies all calibration modules and additional test instruments have been tested in the TE factory (NPL traceable).</td>
</tr>
</tbody>
</table>
CBP-PHP3 CalBench Package
Pneumatic & Hydraulic Pressure Instrumentation Calibration Bench Package 3

Accompanying Products:
- Pressure Adaptors/Fittings Kit
- Electrical Vacuum Pump
- Pressure Manifolds
- Pneumatic Pump & Gauge
- Hydraulic Pump & Gauge
- Premium Test Lead Set
- Calibration Software
- Printer & Connectivity Kit
- Bar code reader & Label printer
- Transmitter & Gauge Stand

7198
7149
7161P & 7161H
7194A
9796
9795
9777 & 9778
9777 & 9778
7195
The CBP-PHP3 is a package for pneumatic and hydraulic calibration, featuring a 20bar precision pressure controller for wide workload, and PC control centre with EasyCal software.

- Pneumatic & Hydraulic pressure modules (coverage from vacuum to 600bar)
- Automatic Pressure Calibrator module for vacuum to 20bar (with barometric reference)
- Digital multimeter module provides measurement capabilities for pressure transducers
- Benchtop pumps, manifolds, pressure adaptor kit, UUT stand & electrical vacuum pump
- Fixed and variable DC power supply modules for powering devices under test
- Loop calibrator module provides precision V/I source and measure functions
- Control Centre module with 12.1" capacitive touch screen for module communication
- Automated calibration using EasyCal software on control centre module
- Accompanying instruments & accessories to aid and complement applications
- Supplied with combination drawer and cabinet unit

**Calibration Capabilities**

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

- Pneumatic and Hydraulic Pressure: Gauges, Calibrators, Transducers, Transmitters, Indicators, Switches, Valves, Chart Recorders.

**Contents and Purposes** (items in bold are the difference between the CBP-PHP2 Package, note the external PC is replaced by CC12 control centre)

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>CODE</th>
<th>BASIC DESCRIPTION</th>
<th>PURPOSE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>7080</td>
<td>CalBench (W2000 x D850 x H1568): Height adjustable bench frame, worktop, primary console with 7082 mains power control and distribution module (incl. 2x output sockets), 4x under console sockets, and under console lighting.</td>
<td>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.</td>
</tr>
<tr>
<td>2</td>
<td>7131</td>
<td>Combination 1 drawer + Cabinet Unit (W5000 x D650 x H600mm)</td>
<td>For general storage of tools and drawer for keeping documents etc.</td>
</tr>
<tr>
<td>3</td>
<td>7125</td>
<td>20 piece tool hook kit for perfo panel</td>
<td>For holding various instruments, devices and tools.</td>
</tr>
<tr>
<td>4</td>
<td>7133</td>
<td>Magnet set for perfo panel (10 x round, 10 x hook type)</td>
<td>For pinning documents to the rear perfo panel, holding tools and extras.</td>
</tr>
<tr>
<td>5</td>
<td>7139</td>
<td>Shelf for perfo panel (W450 x D250 x H130mm)</td>
<td>Suitable for holding portable equipment and tools.</td>
</tr>
<tr>
<td>6</td>
<td>7087</td>
<td>Quad DC Power Supply Module - 6V/20A, 12V/10A, 24V/8A, 48V/3A</td>
<td>Provides a DC power supply for various loop instrumentation under test.</td>
</tr>
<tr>
<td>7</td>
<td>7053</td>
<td>56V DC 4A Adjustable Power Supply Module - Digital</td>
<td>Provides a variable precision DC power supply for various applications.</td>
</tr>
<tr>
<td>8</td>
<td>5065B</td>
<td>6.5 digit multimeter Precision measurement of AC/DC voltage, AC/DC current, 2/4 wire resistance, frequency, period, diode, continuity, thermocouples &amp; RTD</td>
<td>Provides measurement capabilities for pressure transducers and transmitters under test.</td>
</tr>
<tr>
<td>9</td>
<td>7067</td>
<td>Precision Loop Calibrator Module</td>
<td>Provides precision source and measure functions for process and pressure devices under test. Suitable for simulation of transmitters and loop supply.</td>
</tr>
<tr>
<td>10</td>
<td>CC12</td>
<td>12.1&quot; Capacitive Touch Screen PC Control Centre Module</td>
<td>A PC module that acts as the control centre for the CalBench with a convenient user friendly interface that is ergonomically positioned centrally in the primary console. When configured with EasyCal users can perform automated calibration runs, with full control and readback on the 5065B multimeter and 7030B pressure controller modules. The CC12 also provides storage management for QMS data, instrument user manuals, company protocols and policies etc. The module can be connected to a local network for information sharing, backup and remote maintenance.</td>
</tr>
<tr>
<td>11</td>
<td>7030B/7104</td>
<td>Automatic Pressure Calibrator Module: Vacuum to 20bar (300psi)</td>
<td>A high speed pressure controller/calibrator suitable for wide workload calibration of low and mid-range pressure devices such as transmitters, sensors and gauges.</td>
</tr>
<tr>
<td>12</td>
<td>7030BARO</td>
<td>Barometric reference option for 7030B</td>
<td>To enable absolute pressure measurements using the 7030B.</td>
</tr>
<tr>
<td>13</td>
<td>7064/7108</td>
<td>High Pressure Calibration Module with regulator: 0 to 200bar (3000psi)</td>
<td>For calibration of high range pneumatic pressure devices, EasyCal compatible.</td>
</tr>
<tr>
<td>14</td>
<td>7065/7109</td>
<td>Pressure Indicator Module: 0 to 400bar (5800psi)</td>
<td>For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.</td>
</tr>
<tr>
<td>15</td>
<td>7065/7110</td>
<td>Pressure Indicator Module: 0 to 600bar (8500psi)</td>
<td>For calibration of hydraulic pressure devices using the 7195 hydraulic benchtop pump as the pressure input method, EasyCal compatible.</td>
</tr>
<tr>
<td>16</td>
<td>7198</td>
<td>Complete Fittings/Adaptors/Hoses Kit for calibrators &amp; pumps</td>
<td>Provides all the required pressure connections &amp; fittings for modules &amp; pumps.</td>
</tr>
<tr>
<td>17</td>
<td>7194A</td>
<td>Benchtop Pneumatic Pressure Calibration Pump: Vacuum to 200bar (3000psi)</td>
<td>For manual pressure generation to 200bar, suitable for use with pressure modules when compressed air source is not available.</td>
</tr>
<tr>
<td>18</td>
<td>7195</td>
<td>Benchtop Hydraulic Pressure Calibration Pump: Vacuum to 700bar (10,000psi)</td>
<td>For manual hydraulic pressure generation to 700bar, for use with the 7065 (400 and 600bar) indicator modules.</td>
</tr>
<tr>
<td>19</td>
<td>716P</td>
<td>Quad Port Benchtop Pneumatic Pressure Calibration Manifold: Vacuum to 200bar (3000psi)</td>
<td>A pneumatic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.</td>
</tr>
<tr>
<td>20</td>
<td>716H</td>
<td>Quad Port Benchtop Hydraulic Pressure Calibration Manifold: Vacuum to 700bar (10,000psi)</td>
<td>A hydraulic pressure manifold that conveniently enables users to connect pressure gauges and other pressure devices under test.</td>
</tr>
<tr>
<td>21</td>
<td>TXG-STD</td>
<td>Benchtop Transmitter and Gauge stand</td>
<td>A benchtop unit that provides a simple method of securing a transmitter, pressure gauge or process device for calibration on the bench.</td>
</tr>
<tr>
<td>22</td>
<td>7149</td>
<td>Electrical Vacuum Pump</td>
<td>Supplies the 7059 regulated module a vacuum pressure source.</td>
</tr>
<tr>
<td>23</td>
<td>TEG- G200b/0.05</td>
<td>TE Digital Pressure Gauge: 0 to 200bar (3000psi), 0.05% accuracy</td>
<td>Secondary reference (back up or field use, covers range of 7194A).</td>
</tr>
<tr>
<td>24</td>
<td>TEG- G700b/0.05</td>
<td>TE Digital Pressure Gauge: 0 to 700bar (10,000psi), 0.05% accuracy</td>
<td>Secondary reference (back up or field use, covers range of 7195).</td>
</tr>
<tr>
<td>25</td>
<td>ECFLA</td>
<td>EasyCal Calibration Software Suite</td>
<td>Software to provide automated calibration runs for testing applications. Complete workflow for management of calibration standards, management of instruments, job reports &amp; job data capture, calibration due reminder system, ID and bar code printing, PDF reports and certificates. Features include simulation mode, over 1200 standard calibration procedures and intuitive wizards that are used to quickly create procedures for pressure devices.</td>
</tr>
<tr>
<td>26</td>
<td>9795</td>
<td>Printer and Connectivity Kit: Includes InkJet Printer, DVD-RW, 4 Port USB Hub, Numeric Key Pad &amp; USB Memory Stick</td>
<td>Allows certificates and reports to be printed as required. Also data storage and connectivity.</td>
</tr>
<tr>
<td>27</td>
<td>9777</td>
<td>Bar Code Reader</td>
<td>For reading instruments/devices that have been bar coded. Enables instant identification within EasyCal.</td>
</tr>
<tr>
<td>28</td>
<td>9778</td>
<td>Cal and ID Label Printer</td>
<td>Print calibration labels, bar codes, &amp; ID labels for tagging devices &amp; instruments.</td>
</tr>
<tr>
<td>29</td>
<td>9796</td>
<td>Premium Test Lead Set</td>
<td>Provides connections for modules and process devices under test.</td>
</tr>
<tr>
<td>30</td>
<td>CERTS</td>
<td>Factory Calibration Certificates for all calibration equipment and modules in the package</td>
<td>Certifies all calibration modules and additional test instruments have been tested in the TE factory (NPL traceable).</td>
</tr>
</tbody>
</table>

**Customise this package:**
Add or remove modules, fit a secondary console, change pressure ranges, include various extras from the TE range.
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-PHP 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.