

DBC Serie Dry-block Calibrators

- Range: -45°C to 150 °C DBC 150
- Range: 50°C to 650 °C DBC 650
- Stability up to 0.03°C
- Rapid heating, cooling and setting
- Reads set temperature and device output simultaneously
- Measures reference probe RTD, T/C. mA. MV, Ohms
- Switch test, ramp, step and preset function
- Compatible with AutoCal® for Windows

Data sheet 740.32 Kb

This innovative calibrator combines a highly stable temperature source with precision measurement of temperature probe signals, providing a truly stand-alone temperature calibrator suitable for laboratory, workshop and portable use. The product range includes Temperature Source (TS) and Temperature Calibrator (TC) versions. Each version is available with a choice of two temperature ranges for use up to 150° (DBC 150) or alternatively 650° (DBC 650). Druck control technology ensures rapid settling time, excellent set-point stability and high accuracy. For improved measurement uncertainty, a traceable PT 100 reference probe can be positioned directly into the well insert. The probe output is measured and displayed by the DBC. The TC version is a complete calibration system which simultaneously controls the reference temperature whilst measuring the device under test. In addition, loop power is provided for transmitters. In calibration mode the percentage "error or temperature deviation is displayed together with the input and output readings.