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Model CPG2300

Portable Pressure Calibrator



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mensor

Applications for the Portable Pressure Calibrator

Portable pressure calibration

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Utilities

Pharmaceutical / medical / healthcare

Key Features of the Portable Pressure Calibrator

Ranges to 6000 psi

Output: gauge, bi-directional or vacuum

Accuracy: 0.015%FS

Dual sensor

Dynamic Temperature Compensation from 0-50°C



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field calibration of pressure transmitters used in gas transmission, to testing and calibration of transducers in clean rooms and nuclear power plants. Wherever there is a need for a high level of accuracy in a **portable pressure calibrator** device.

Functional Flexibility

The CPG2300 **Portable Pressure Calibrator** has one of the best uncertainty specifications of any portable pressure calibration instrument. With an uncertainty of 0.015% FS, technicians are able to achieve the test uncertainty ratios required for modern transmitters. Temperature compensation from 0 to 50°C, permits use in most environments, without degradation of accuracy. Seventeen selectable pressure units and one user defined unit allows flexibility when using the CPG2300 **Portable Pressure Calibrator**.

displayed simultaneously. Channel A can be ordered with full scale ranges up to 6000 psi. Channel B can be ordered with ranges from 3 to 1000 psig or 7.5 to 1000 psia.

The user interface is through a monochrome 128 x 64 LCD, with white LED back light. A tactile membrane keypad makes navigation within the intuitive menu easy. Options to display range A and B, or range A or B and the analog measurement channel (mA), plus the ability to power a control loop make the CPG2300 **Portable Pressure Calibrator** ideal for field calibration of pressure and differential pressure transmitters. Built in functionality to display min/max peak pressure and rate per second per hour and per three hour plus a null function give the CPG2300 **Portable Pressure Calibrator** additional functionality for trouble shooting process pressure transmitters or monitoring barometric pressure.

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