

PACE 6000

Product Description:

A new generation of high-precision pressure controllers designed for pressure calibration and automated testing applications in laboratories, test benches, bench-top and rack-mounted applications. The modular design enhances the user's flexibility in instrumentation, reduces downtime, and lowers the overall cost of ownership. The PACE Gas Modular Pressure Controller incorporates the latest control and measurement technology from GE to provide an efficient, flexible, and cost-effective solution for controlling pressure in automated manufacturing, testing, and calibration processes. The PACE is fully digitally controlled for high control stability and control rate. PACE achieves high control stability and control rates through fully digital control, while its digitally characterized pressure transducers ensure high quality, stability, higher bandwidth and accuracy by using the latest generation of piezoresistive and trench-etched resonance technology (TERPS).

Product Features:

- Mainframe and interchangeable control modules available
- Single, dual or auto-range control module configurations
- Ranges up to 21 MPa (3000 psi), gauge and adiabatic pressure selectable
- Accuracy up to 0.001% FS over the entire calibration temperature range.
- 28 selectable pressure units and 4 customizable units
- Switching test, leak test, test program, burst test, analog output and relay touch output options
- High resolution color touch screen operation
- Intuitive icon-based task-oriented menu structure
- Compatible with a variety of software packages
- RS232, IEEE 488, Ethernet and USB ports are standard.