

Model 765

Portable Pressure Standards



The Model 765 Transfer Standards provide the highest accuracy pressure measurements for portable field applications. The integral Digiquartz® transducers cover absolute, gauge and differential pressure ranges up to 40000 psi (276 MPa).

The Model 765 is portable, easy to use, and fully self-contained in a rugged, compact case. Turn it on and immediately read the pressure values in any of nine user-selectable engineering units. Front panel selections include taring, resolution, sampling time, number of display digits, engineering units, max-min readings, alarm points, and communication parameters. Choices for the second line display include an analog pressure bar graph, sensor temperature, rate of pressure change, stored text or user-defined external text.

An internal logger can automatically store over 390000 high-resolution data points. The Model 765 can also be controlled via the bi-directional RS-232 or USB interface with a new, improved command set. The unit is powered by AC Adapter (included), or by the internal, rechargeable 150 hour battery. Free software is included. Future upgrades are easily downloaded to the Model 765 firmware.

The Model 765 is the best choice for accurate, reliable, and stable pressure measurements.

PERFORMANCE

0.0001% Resolution
0.008% Full Scale Accuracy

RANGES

19 Absolute ranges 0 to 40000 psia (276 MPa)
6 Gauge ranges 0 to 200 psig (1.38 MPa)
3 Differential ranges 0 to 18 psid (0.12 MPa)

APPLICATION AREAS

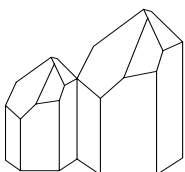
Metrology
Aerospace
Meteorology
Oceanography
Process Control
Energy Exploration
Laboratory Instrumentation

FEATURES

Simple, intuitive front panel menu system
Tare, Hold and Programmable Fast Key
Front panel data entry and display
Password-protected menu system
Two-line backlit display– Menu selectable functions
Taring
Engineering units
Pressure bar graph
Sensor temperature
Resolution and sampling speed
Maximum and minimum pressure
Average pressure, rate, trend and scatter functions
Free configuration and logging software
Internal data logging - over 390000 data points
Enhanced remote control and command
User-defined outputs
USB and RS-232 interfaces
High and low pressure alarm points
Internal rechargeable battery or AC power
100-240 VAC universal power adapter
Battery status LED and display indicator
150 hours rechargeable battery operation
Easy upgrades to embedded software

QUALITY AND STANDARDS

ISO 9001:2000 Quality System
NIST traceable - CE compliant
Market-leading 5-year limited transducer warranty



Paroscientific, Inc.
Digiquartz® Pressure Instrumentation



