PRODUCT DATASHEET

Automated Pressure Gauge Calibration System

Fast, documented gauge calibration





DETAIL – GAUGE MANIFOLD AND REFERENCE

OVERVIEW

The Tech Inc. Automated Pressure Gauge Calibration System calibrates pressure gauges, transmitters and switches against a reference. The controller steps through the calibration points up and down, the reference transducer reads the true pressure, and the operator or a camera records the gauge reading; the system calculates errors and prints the certificate.

MODELS AND CONFIGURATIONS

- **Pneumatic model** – up to about 200 bar.
- **Hydraulic model** – up to about 1000 bar.
- **Camera reading option** – automatic dial reading.

TYPICAL DESIGN DATA

Model	TI-PGC-700 series
Range	Vacuum to about 1000 bar, by model
Reference	Typically ±0.025% of full scale
Points	Programmable, rising and falling
Outputs	Error tables and calibration certificates

APPLICATIONS

Instrument workshops, calibration laboratories, plant maintenance and gauge manufacturers.

KEY ADVANTAGES

- **Fast** – automatic points and certificates
- **Accurate** – traceable reference
- **Documented** – certificates for audits
- **Versatile** – gauges, transmitters and switches

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

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