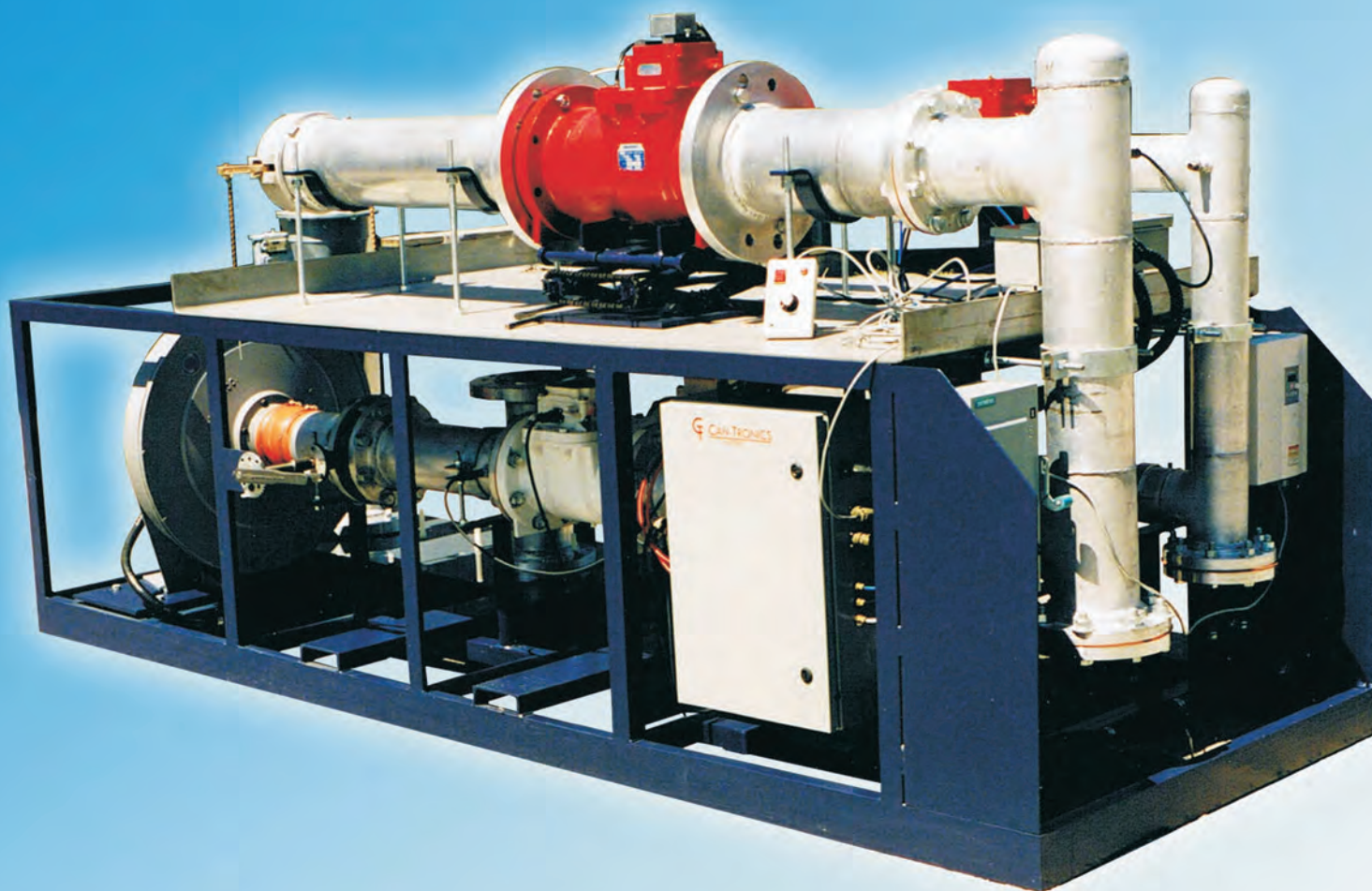


MICRO PCII – Class “LVT”

AUTOMATIC LARGE VOLUME TURBINE PROVING SYSTEM



GAS MEASUREMENT AND CONTROL INC.

Manufacturers of: Custom Transfer Provers, NoBELL Provers, Dry Leak Testers,
Regulator Testers, Bell Provers & Custom Meter Shop Management Software

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AUTOMATIC LARGE VOLUME TURBINE PROVING SYSTEM

TECHNICAL DATA :

- METER TYPE TESTED
 - BLOWER CAPACITY
 - TEST RANGE
 - OPERATING TEMPERATURE RANGE
 - TEMPERATURE EFFECT
 - PRESSURE EFFECT
 - HUMIDITY EFFECT
 - HUMIDITY RANGE
 - ACCURACY
 - REPEATABILITY
 - AUTOMATIC LEAK TEST CYCLE
 - TEST SEQUENCE
 - TEST RESULTS
 - POWER INPUT
 - TEST TIME
 - TEST CYCLE
 - LOW MAINTENANCE
- Turbine & Ultrasonic
 - 60,000 CFH (Determined by Master Meters)
 - Determined by Master Meters
 - 32F to 140F (0°C to 60°C)
 - Compensated
 - Compensated
 - Compensation Not Required
 - 5 to 95% Non-Condensing
 - 0.2%
 - 0.15%
 - User selects sensitivity and duration of the leak test
 - Microprocessor controlled, User selectable
 - Displayed on LCD Touch Screen Monitor
(%Proof, %Accuracy, %Error, %Correction)
 - 3 Phase 240/460 VAC \pm 10%, 50/60 Hz
 - Determined by Volume & Flow Rate of Meter Under Test
 - Automatically Controls Blower Speed to Maintain Selected Flow Rate
 - Automatically Starts and Stops Test Cycle

TECHNICAL FEATURES :

All calibration and setup data is stored on the provers computer for easy backup and data recovery. Operations are menu driven with a series of graphical screens that guide the operator step by step through the complete test. The software is installed on PC operating under Microsoft Windows®. A 24-bit A/D converter, capable of 1 part in 16777216 resolution is used in the pressure and temperature circuits. The software can be customized with the customer's data format when communicating test data with the main server computer. This prover also features a Vacuum Leak Test and High Differential Alarm

- Traceability to Recognized Standards
- Pressure sensing is accomplished via precision pressure transducers for accuracy and stability
- Temperature sensing is accomplished via precision thermistors for accuracy and stability
- Software customizable to customer requirements

OPTIONS:

- Photo Eye Sensor
- Manual Start/Stop Thumb Switch
- ID Drive Pulser
- Electronic Module Pulse Input Adapter
- Bar Code Reader
- MTR-II Meter Shop Management Software Designed to meet Customer Specifications