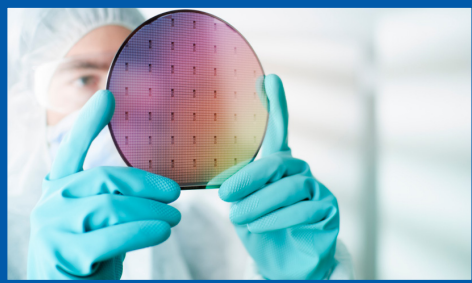


Custom Systems

Rack, Carts, Benches & Customized Solutions



SYSTEMS APPLICATION IN INDUSTRY

- Automotive and avionics test cells
- General pressure calibration carts & racks
- Pressure switch calibration & qualification system
- Avionics - air data test configurations
- Jet engine test cell
- Calibration systems
- Sensor qualifications
- Test systems
- Boosters and accessories
- Medical R&D applications
- Transmitter leak test systems
- Electrical utilities
- Calibration standards
- Pharmaceutical calibration carts
- Wind tunnel system monitoring
- Transducer production & testing

RACK SYSTEMS



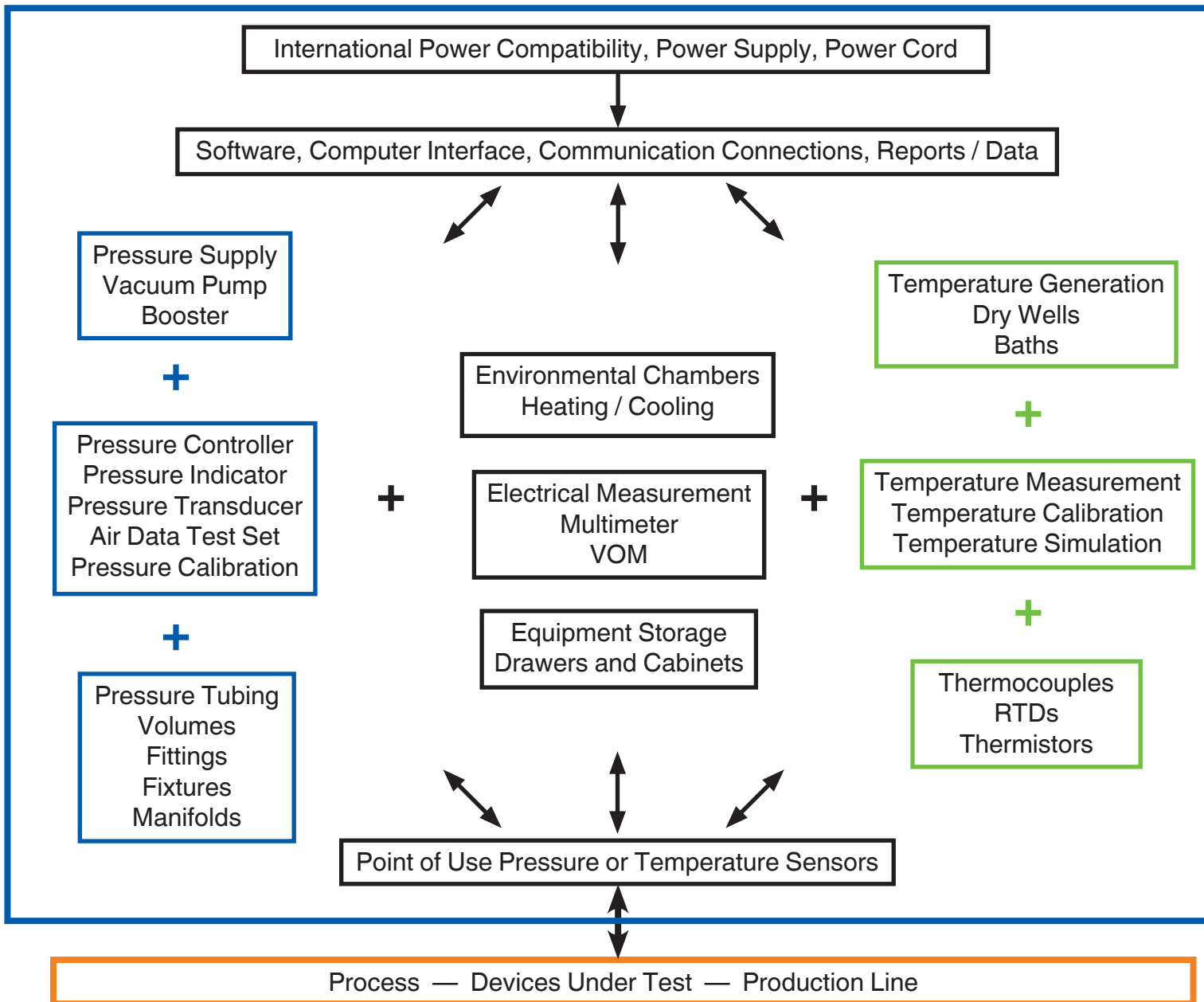
MOBILE CART SYSTEMS



BENCH OR DESKTOP SYSTEMS & ACCESSORIES



CUSTOMIZED COMPONENT EXAMPLES



FLEXIBILITY IN DESIGN & SPECIFICATION

A variety of components can be designed into a Mensor Custom System. Our custom systems design department can work from your specification or develop a plan to incorporate components to meet specific requirements. Systems are designed to accomplish a task quickly, efficiently and automatically. Pressure and temperature testing and calibration are our speciality. We work with the most reliable components with appropriate accuracy to design a custom system to meet your specific needs.

MENSOR CUSTOM SYSTEMS

Hardware and software designed and built to your requirements

How to choose a custom system designer:

- Experience in the design and manufacture of precision pressure and temperature instrumentation
- Capability to offer customized solutions to meet individual customer requirements
- Resources necessary to fulfill specific requirements in a timely manner
- Knowledge of necessary regulators, compressors, vacuum pumps
- Computers and software to create a matched system

Flexibility in specification:

- Standard EIA 19 inch wide instrument rack
- Mobile carts
- Pressure calibrators or indicators to cover the pressure range and performance requirements
- Support equipment such as vacuum pumps for sub-atmospheric pressure control, regulators for proper pressure supply to the pressure calibrator and electrical power distribution for all system components
- Custom Systems engineering team works closely with each customer to determine the exact configuration required and ensure that issues such as volume loads, flows, mobility and ruggedness are addressed.
- In any pressure related system, safety is paramount and Mensor designs all systems to include the proper safety related equipment and accessories such as relief valves, electrical breakers and fuses. Location/customer specific safety requirements are also addressed in the design phase.
- All Mensor systems are fully tested for proper operation and safety prior to shipping. Pressure calibrators or indicators incorporated into the system are provided with accredited calibration certificates.



Mensor

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