

IQ / OQ / PQ

Comprehensive Validation & Certification of

Cleanrooms & Environmental Chambers

Biomatic Technologies



Air Systems Technologies



Controlled Environment
Structures

OQ ► Operational Qualification

**We take you beyond standard cleanroom certification.
We verify the performance of your operation lifeline.**

Biomatic Technologies, Air Systems Technologies, and Control Environment Structures are pleased to provide you with a unique and comprehensive program for IQ, OQ, PQ process of your cleanrooms and environmental chambers. Utilizing state-of-the-art equipment, we verify the performance and efficiency of your cleanrooms. We provide you with:

- Real time monitoring / alarming
- Testing and certification
- Performance verification and documentation following FDA guidelines

The program includes:

- Temperature, CO₂, and humidity calibration / measurements
- Temperature, CO₂, and humidity uniformity and recovery mapping
- Air flow velocity and pressure differential measurements
- Airborne particle count
- Microbial test culture
- Electrical leakage testing
- Light monitoring
- Other necessary testing and calibrations

IQ ► Installation Qualification

- Inventory of instruction manuals, SOP's, components and serial numbers
- Installation verification (power connection, venting, drainage, fluidics ...)

PQ ► Performance Qualification

- System performance and robustness

Temperature, CO₂, humidity, air flow, pressure, and other devices monitoring and performance verification of the system under actual running conditions

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**Have you checked the performance
of your cleanroom lately?**

