



## Clean Bench Testing and Maintenance

TSS offers comprehensive testing, certification, and maintenance of unidirectional flow devices (also known as laminar flow units or clean benches). Our skilled technicians are authorized to perform warranty repairs for all major equipment manufacturers. All testing is performed in accordance with established TSS standard operating procedures [SOPs], which are updated to remain compliant with federal and international safety guidelines, current good manufacturing practices [cGMPs], and TSS' own ISO 9001 certified quality system.

Unidirectional Flow Devices are tested in accordance with IEST.

### Primary tests performed include:

- HEPA filter integrity testing – demonstrates that no contamination will enter the work area through the supply filter
- Airflow velocity profile – documents that the air in the work area is unidirectional and functioning as designed, preventing cross contamination
- Fluorescent light testing – establishes that the fluorescent lights are working at a level that will not contribute to worker fatigue

### Optional tests include:

- Non-viable particle counting – performed in accordance with ISO 14644 and reports the amount of particulate, if any, there is in the hood
- Vibration testing – assures that product is not subject to damage due to vibration
- Sound testing – verifies that using the hood will not contribute to worker fatigue
- IOPQ validation;
- Viable sampling

Make TSS your first call for all your controlled environment needs.

**Contact us at 800.877.7742 to discuss your specific needs and to schedule services.**

**For additional information, please visit us online at [www.techsafety.com](http://www.techsafety.com).**