



Maintain Smooth and Compliant Operations

Maximize Your Equipment's Performance with MSP's Annual Calibration

Ensuring equipment accuracy and reliability is crucial for quality and compliance. The United States Pharmacopeia (USP 1058) and Good Manufacturing Practices (GMP) recommend initial and periodic mensuration and calibration to maintain proper operation.

Key Benefits of Annual Calibration



Ensure Precision and Reliability

Annual calibration keeps your instrument reliable, ensuring accurate and precise measurements over time. This helps maintain the consistency and quality of your testing results.



Early Issue Detection

Regular calibration helps identify and correct potential issues before they escalate, reducing the risk of instrument malfunction and preventing costly downtime.



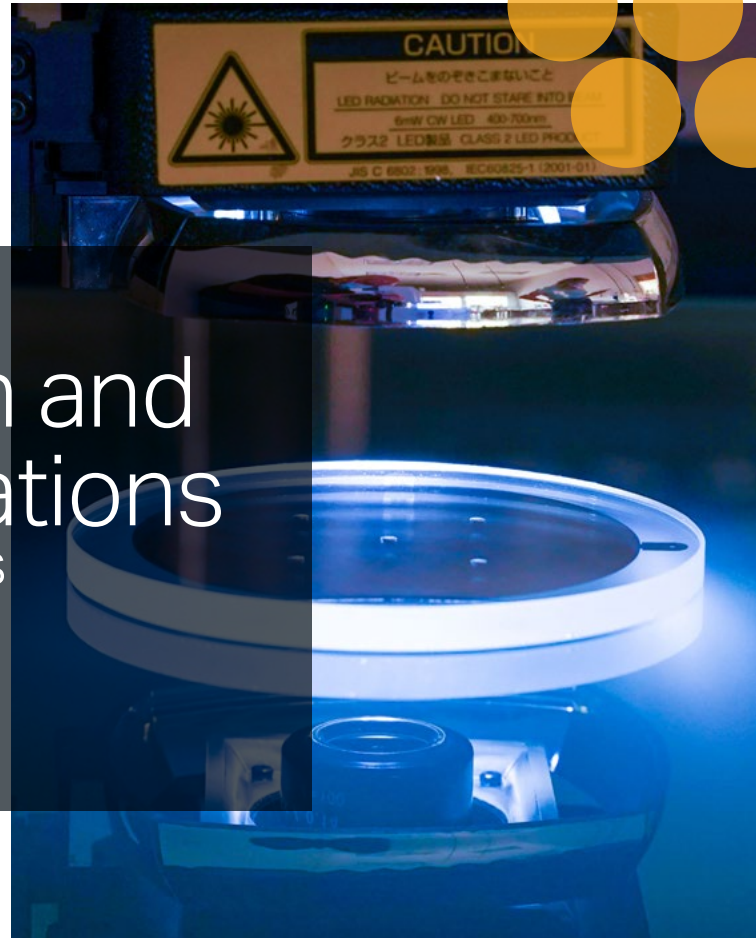
Extend Instrument Lifespan

By calibrating your equipment annually, you can optimize its performance and extend its lifespan, ensuring it operates efficiently for many years.



Regulatory Compliance

Annual calibration ensures compliance with local regulations and industry standards, helping you avoid penalties and maintain quality certifications.



Why MSP?

- As-Found Calibration Certificate
- Minor repair, replacement, and cleaning
- Perform repairs with Original Factory Parts
- In case of failure, cease activity and contact for calibration/instruction
- As-Left Calibration Certificate
- 90-day warranty on replacement parts
- Qualified Representative
- ISO 9001:2015 Certified

Inhalation pharmaceutical testing equipment is recommended to be calibrated on an annual basis.

Equipment Serviced at MSP™, a Division of TSI®

- Alberta Idealized Throat (AIT)
- Andersen-Type Impactor (ACI)
- Critical Flow Controller Models TPK, TPK-R, TPK2000, TPK2000-R, TPK2100, TPK2100-R, BAC2000, BAC2000-R, BAC2100, BAC2100-R
- Fast-Screening Impactor (FSI)
- Flow Meter Models DFM3, DFM4, DFM2000, 4043
- Induction Port
- Inhalation Testing Model ITQK2
- Leak Tester Models LTK and 171
- Multi-Stage Liquid Impinger (MSLI)
- Next Generation Impactor (NGI) & Next Generation Impactor Plus (NGI+)
- Pre-Separator
- Spray Force Test Load Cell
- Qualification Tool Kits: NGI Cooler, DUSA Shaker, Sample Preparation Unit, Gentle Rocker, Breathing Simulators, Spray Force Test Load Cell, Inhalation Testing Model ITQK2



Self-serviceable Equipment Using Dedicated MSP™ Qualification Tool Kit

- Breathing Simulators Models BRS 100i, 200i, 300i and earlier models
- DUSA Shaker
- EnviroMate™ - Benchtop Environmental Chamber
- Gentle Rocker Models GR4515, GR100i, GR200i
- Next Generation Impactor Cooler
- Sample Preparation Unit
- Spray Force Tester



Discover more about MSP™ calibration services at [tsi.com/msp-calibration](https://www.tsi.com/msp-calibration)

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MSP - Visit our website www.tsi.com/msp for more information.

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P/N 5002668 Rev G (A4)

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Printed in U.S.A.

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