

Mass Calibration Capabilities

SIMCO Electronics delivers precision measurement solutions to meet mass calibration needs. SIMCO's expeditious service and competitive rates are conveniently offered through a nationwide network of accredited laboratories. SIMCO maintains strict environmental controls and is equipped with the finest calibration equipment. Skilled metrologists and technicians follow precise techniques to deliver the highest level of accuracy in mass calibration.

Features

- Accredited Calibrations
- ASTM Class 1 Capabilities
- NIST Traceable Standards
- Automated Measurement Software
- Precision Controlled Environment
- NIST Weighing Methods
- Standard and Custom Calibration Services Available
- Certification of Weight with Statement of Accuracy
- Standard 10 Business-Day Turnaround
- Expedite Service Available
- Instrument Tracking Through Web-based Program



Customer Benefits

- Compliance to Mass Industry Specifications
- Confidence Through Superior Quality Service
- Trust in Calibration Accuracy
- Lower Cost of Equipment Service and Management
- Increase in Employee Productivity

Quality

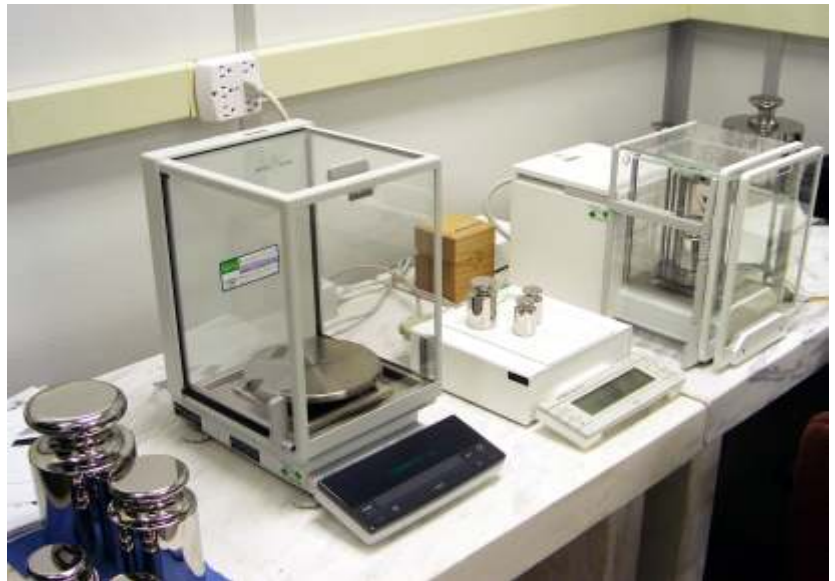
- ISO 9001:2000 Registered
- NIST Trained Technicians
- ASQ Certified Technicians
- ISO 17025 Accredited Scope for Mass Calibrations



Mass Calibration Capabilities

Information Required for Calibration Quotation

- ✓ Number of Weights Requiring Calibration
- ✓ Range of Weights
- ✓ Classification of Weights
- ✓ Certificate and Accreditation Requirements



Class Tolerances – General Guidelines

ASTM Class 1	Appropriate for calibrating high precision analytical balances with a readability as low as 0.1mg to 0.01mg.
ASTM Class 2	Appropriate for calibrating high-precision top loading balances with a readability as low as 0.01g to 0.001g.
ASTM Class 3	Appropriate for calibrating balances with moderate precision with a readability as low as 0.1g to 0.01g.
ASTM Class 4	For calibration of semi-analytical balances.
NIST Class F	Primarily used to calibrate commercial weighing devices.
OIML Class E1	Used as primary reference standards for calibrating other reference standards and weights.
OIML Class E2	Primarily used to calibrate high-precision top-loading balances with a readability as low as 0.1mg to 0.01mg.
OIML Class F1	Appropriate for calibrating precision top-loading balances with a readability as low as 0.01g to 0.001g.
OIML Class F2	For calibration of semi-analytical balances.
OIML Class M1, M2, M3	Economical weights for general laboratory, industrial, and technical use.