

Pipette Calibration Program

Send in your pipettes for calibration through the
MSI Pipette Calibration Program!

- Fill out the calibration form with your service level needs and information
- Send in the form along with your pipettes for calibration
- Receive your calibrated pipettes and calibration verification sheet



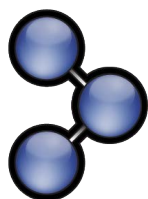
Services Include:

- Leakage, Functional & Calibration Check
- Preventive Maintenance (PM) *per scope of work
- As Found Readings
- As Left Readings
- N.I.S.T. Traceable Calibration Report
- Comprehensive CAL Label
- Additional reading per channel available



Additionally, your crucial pipette records and documents are secure on an easily accessible digital platform. No more searching through file folders and cabinets for this and previous years certifications and measurements. Your customer accessible and searchable portal is at your fingertips 24-7.

www.midlandsci.com/pipettes



**Midland
Scientific**
INC.

COBB
REFRIGERATION

A TEMP-CON COMPANY

NIST
National Institute of
Standards and Technology

Connect with your MSI Sales Rep

www.midlandsci.com

402-346-8352

See the next page for details on the levels of service

PIPETTE MAINTENANCE & CALIBRATION PROPOSAL

	Basic	Standard	Premium
Clean pipette body	✓	✓	✓
Remove DNA & RNA when appropriate	✓	✓	✓
Check for worn or loose parts	✓	✓	✓
Check operation of tip ejector mechanism	✓	✓	✓
Test functionality of plunger for smooth operation	✓	✓	✓
Test operation of stroke and blowout springs	✓	✓	✓
Visually check pipette body for damage and cracks	✓	✓	✓
Check operation of volume display	✓	✓	✓
Visual leak test	✓	✓	✓
Functionality test: aspiration and dispense	✓	✓	✓
Calibration adjustments made as necessary	✓	✓	✓
Customer will be notified If needed repairs are identified which exceed scope of work	✓	✓	✓
A label with dates and pertinent information will be placed on each pipette tested	✓	✓	✓
When a pipette is unable to be calibrated within specification, details will be documented on certificate.		✓	✓
"As Left" measurements recorded and noted on certificate: (3) volumes x (4) dispenses each		✓	✓
NIST Traceable Digital Certificates (National Institute of Standards and Technologies)		✓	✓
Wet ink certificates are available (upon request at additional cost)		✓	✓
Disassemble the pipette for service			✓
Clean seal/O-rings			✓
Replace seals and O-rings as needed			✓
Clean the piston			✓
Clean the shaft			✓
Remove old lubricant and clean barrels			✓
Lubricate pipette internal parts			✓
Clean tip cone O-rings (Multi-Channel Calibration Only)			✓
"As Found" measurements recorded and noted on certificate: (3) volumes x (4) dispenses each			✓



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Pipette Service Order Form

Quote ☐

Order ☐

Select One Service Level	Premium	Standard	Basic	Options
	☐	☐	☐	

Single Channel Pipette	Qty	
4 Channel Pipette	Qty	
6 Channel Pipette	Qty	
8 Channel Pipette	Qty	
12 Channel Pipette	Qty	
16 Channel Pipette	Qty	

Additional Readings per channel

• Additional Volume

• Additional Dispense

• Complete Teardown/Reassemble

Service Includes

Leakage, Functional & Calibration Check	Included	Included	Included
Preventive Maintenance (PM) *per scope of work	Included	n/a	n/a
As Found Readings	4x3	n/a	n/a
As Left Readings	4/3	4x3	n/a
Calibration Report	Included	Included	Included
Comprehensive CAL Label	Included	Included	Included
NIST Digital Calibration Certificate	Included	Included	Pass/Fail Report

Calibration Cycle

MONTHS UNTIL NEXT CALIBRATION (Default is 6 Months)

☐ 3 Months ☐ 6 Months ☐ 12 Months ☐ Custom

TOTAL PIPETTE QUANTITY SHIPPED

REQUIRED ONLY ON ORDER FORM

Customer Information

CUSTOMER ID#

FULL NAME

PHONE

E-MAIL

(for online portal access)

Shipping/Handling Options

☐ USE MY CARRIER AND MY ACCOUNT # FOR SHIPPING (Fedex/UPS only)

Carrier

Account #

For Pipettes <10 below shipping rates below apply:

Ground Shipping (one way)

☐

2nd Day Shipping

☐

Overnight Shipping (one way)

☐

For Pipettes >10 please reach out to your MSI Sales Rep

SHIP TO ADDRESS

COMPANY NAME

DEPARTMENT

ADDRESS

CITY, STATE & ZIP CODE

BILL TO ADDRESS ☐ Check if same as "SHIP TO ADDRESS"

COMPANY NAME

DEPARTMENT

ADDRESS

CITY, STATE & ZIP CODE

PIPETTES WERE DECONTAMINATED FROM RADIOACTIVE, CHEMICAL AND BIO HAZARDOUS MATERIALS WITH AN APPROPRIATE SOLUTION.

CUSTOMER SIGNATURE

PLEASE PRINT THIS FORM AND INCLUDE EQUIPMENT LIST WITH YOUR SHIPMENT

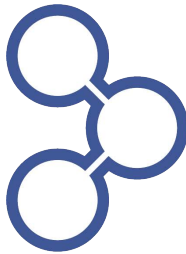
PLEASE PRINT THIS FORM AND INCLUDE EQUIPMENT LIST WITH YOUR SHIPMENT

Pipettes For Calibration:

Model Number	Serial Number	User/ID/Notes

Customer Notes and/or Requirements to Meet Your Internal SOP's are Available on Request

Additional and customizable options such as multiple extra data points or readings are available.
Please email this completed form to calibration@midlandsci.com before shipping product.



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800.642.5263
midlandsci.com

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REFRIGERATION

A TEMP-CON COMPANY

SHIP TO:

Cobb Refrigeration
Attn: Pipette Department
10601 W. 79th Street
Shawnee, KS 66214
Midland Order Ref. #: