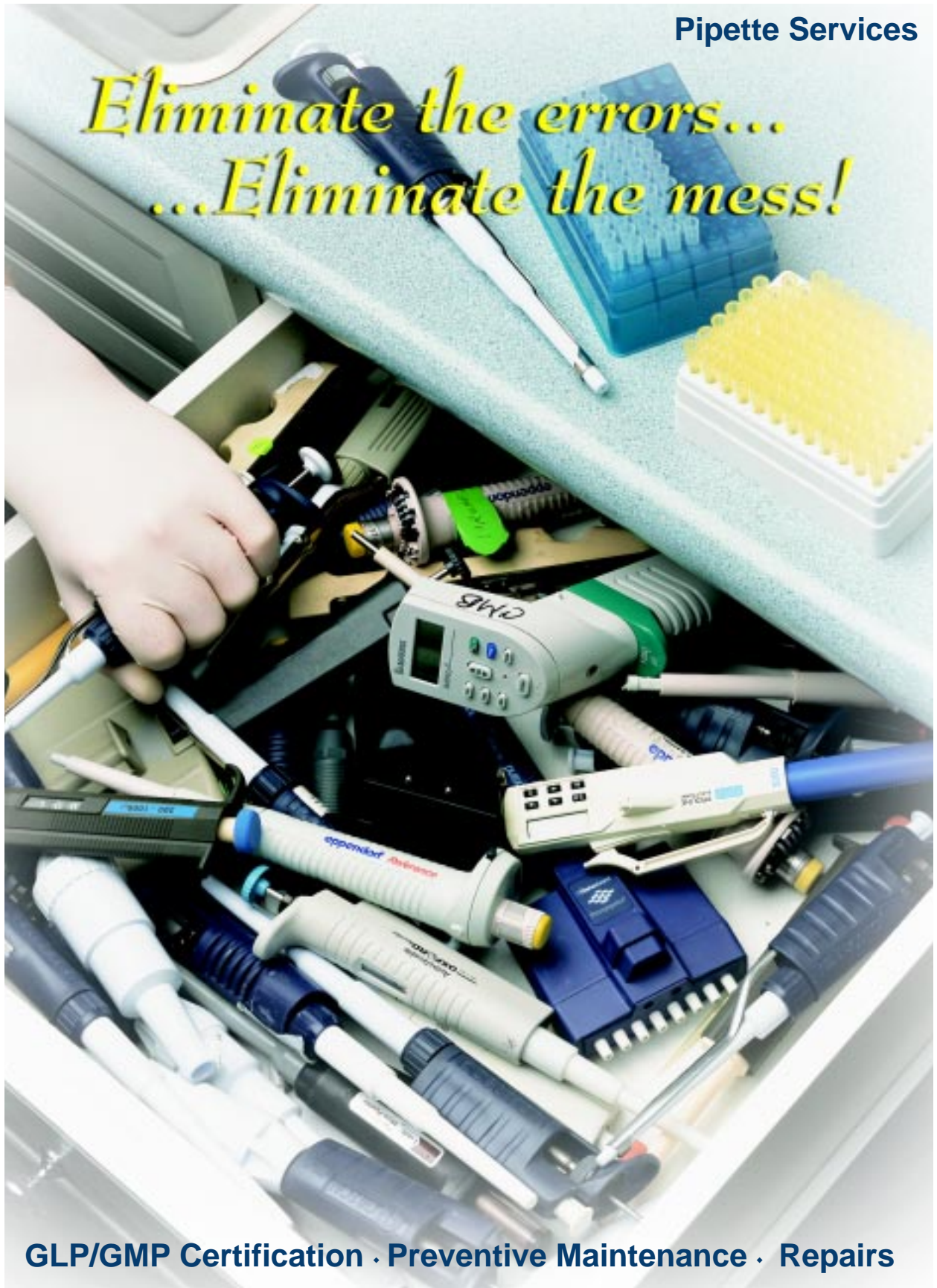


Pipette Services

*Eliminate the errors...
...Eliminate the mess!*



GLP/GMP Certification · Preventive Maintenance · Repairs

- Accupet
- Biohit
- Biomar
- Brand
- Brinkmann
- Cole-Parmer
- CLP
- Costar
- Denley
- Denville
- Daigger
- Drummond
- Eppendorf
- Finnpipette
- FisherBrand
- Gilson
- Hamilton
- HTL
- Jencons
- iPet
- Labnet
- Labsystems
- Manostat
- Matrix
- MLA
- Nichiryo
- Oxford
- Rainin
- Sarsted
- Sealpette
- SMI
- Socorex
- Titertek
- Treff
- Tri-Continent
- Ulster
- Volac
- VWR
- Wheaton

SETTING THE HIGHEST STANDARDS

*"We regularly send our pipettes to AccuTek.
Knowing that our pipettes are in calibration gives
me confidence when analyzing all our results."
Ellen Smith, Senior Scientist, Abbott Labs*

*"Being an ISO-certified facility requires us to comply with many
internal and external standards and guidelines. For many years,
Accutek has provided quality pipette services as well as the
necessary documentation to satisfy our requirements."
Mark Martinez, Calibration Manager, Gen-Probe*

*"Free shipping, fast turn around time, great
customer service and price make AccuTek Labs
simply the best pipette service around."
Sophie Parker, Scientist, UCSD*



AccuTek Pipette Services

Pipetting is often the largest source of error in the lab. Eliminating these errors and having confidence in measurements is the key to good science and results. For many years, AccuTek has excelled in providing pipette users with the cost-effective quality tools to assure each measurement is accurate & precise.

Our satisfied partners include worldwide biotechnology & pharmaceutical companies, universities, hospitals and government institutions. The loyalty we enjoy across all the life sciences is derived from the confidence in our management of pipetting needs. Commitment, expertise and professionalism has made AccuTek the leader in providing *quality solutions*.

STATE-OF-THE-ART FACILITIES

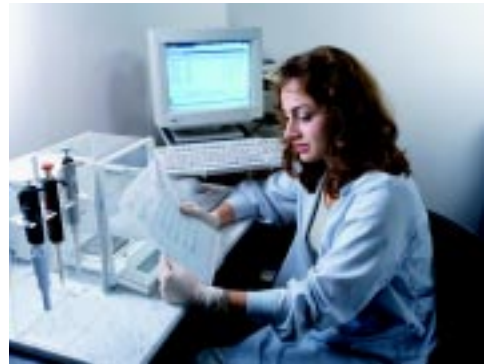
AccuTek provides the highest quality service for the researcher to bring confidence in their results. Other "inexpensive" or "onsite" services cannot deliver all of the following capabilities that make AccuTek the first choice in satisfying pipette calibration and certification needs.

Trained Technicians are qualified specialists in calibrations and repair procedures, having completed extensive training in all aspects of pipette calibration service as well as GLP/GMP requirements. They have many years of combined experience in the field. Eppendorf & Brinkmann have qualified our technicians to work on their pipettes and we are recommended by most other manufacturers.



Computer Controlled Calibrations performed with precision 5 & 7 place balances on granite tables, separate AccuTek from the other calibration laboratories. All equipment for calibrations and environmental control are continually maintained and certified according to NIST standards by lab personnel and outside vendors while maintaining NIST-traceability.

Quality Control in our facility brings confidence to your measurements. We maintain a large inventory of manufacturer and high quality replacement parts for all types of pipettes. Our labs are temperature and humidity controlled with monitoring of barometric pressure to assure all calibrations are repeatable. All certificates are computer generated and each pipette is reinspected and carefully packed prior to return shipping.



Customer Service is our number one priority. Accutek's one-stop calibration facility offers fast service which includes same day pick-up, free shipping, and unsurpassed quality, making pipette calibration easy. Whether you need help with your pipette service needs, unique requirements, weekend services or just have questions regarding pipetting ... AccuTek is ready to help with *quality solutions*.

COMPLETE PIPETTE MANAGEMENT

AccuTek service options are designed to meet our clients individual requirements and needs for pipette servicing. Services are performed in a highly controlled environment laboratory with the use of 5 & 7-place Mettler balance-to-computer linked system specifically chosen to meet or exceed the existing manufacturer tolerance and requirements for proper pipette calibration. For all services, a computer generated calibration report is included with performance data on each pipette, pass/fail status, calibration specification and all environmental data. Each pipette receives labels with program type, pipette ID/serial number, job ID number, service date and next due date. All our procedures and certifications fulfill GLP/GMP, ISO, NCCLS, CAP, CLIA and FDA guidelines and requirements.

Calibration Program

This service is designed to meet most users' requirements and provides a complete and thorough overhaul of each pipette. Each instrument is disassembled, cleaned and refinished to "like-new" condition. All parts are carefully inspected, pistons are polished and on most pipettes, a new piston seal and o-ring are replaced. Should pipettes require additional repair, AccuTek maintains an extensive stock of replacement parts for almost all manufactures and types of pipettes. A total of 20 test data points are taken for each instrument to derive mean, precision and CV.

Warranty: 1 year parts / 90 days calibration

Service Time: 48-hour turn-around after receipt of pipettes.

Shipping: Free for four or more pipettes.



Verification Program

This service is designed for those pipettes that are on a regularly scheduled certification program. Upon receipt each pipette receives a functional diagnosis which includes seal/shaft leakage test, parts and performance inspection. A performance verification is performed on each pipette. Instruments that are within specifications and those instruments which require slight adjustments are adjusted to pipette specification and returned to customer without any further work. A total 10 test data points are taken for each instrument to derive mean, precision and CV. Instruments that fail the functional diagnosis or adjustments can be directed for an additional charge to the Calibration Program to be reconditioned and recalibrated.

Service Time: 48-hour turn-around time after receipt of pipettes.

Shipping: Free for ten or more pipettes.

Options

GLP/GMP Compliance Report Upgrade

Extensively documented individual certificate issued for each pipette. Each pipette receives GLP/GMP label with pipettes' serial number, ID code (if any), service date and next service date.

"As Found" data

Test data reported for "As Found" condition prior to pipette adjustments.

Customized Services

AccuTek offers customized services such as special handling, labeling, user specified test volumes, extra readings as well as customized calibration and pipette management programs tailored to our clients special needs. Please inquire with your requirements.



TRACEABLE DOCUMENTATION

AccuTek
 LABORATORIES
 919-536-3344
 800-243-3232
 FAX: 919-536-3342
 1012 Moss Lake Court, San Diego, CA 92126

Calibration Report
 Job ID: 3800 Date: 10/29/2016
 ID Number: 408071 Operator: A. Speyer
 Not Recommended Service: 10/27/2018

Lab Conditions
 Temperature (°C): 20
 Relative Humidity (%): 31
 Bar Pressure (mmHg): 660
 Z-Factor: 1.00000
 Suspension Correction (mg): 0.00

Customer: Lonza Biologics
 Pipette Model: Gilson Pipetman P20
 Range: 2 - 20 µl (1 Channel(s))
 Serial Number: BT132801
 Equipment Number: D-0007
 Notes:

GLP/GMP Pipette Certification

Subject: Mettler AT 20 36 111532913. Calibrated by Mettler Toledo, Inc.
 Weights Class 1 by Ohaus. Recommended Volume Factor Brand

Volume	Mean	Standard Deviation	CV (%)	Pass/Fail
2 µl	2.014	0.008	0.397	Pass
2.008	2.008	0.008	0.397	Pass
2.070	2.070	0.008	0.397	Pass
2.080	2.080	0.008	0.397	Pass
2.090	2.090	0.008	0.397	Pass
2.096	2.096	0.008	0.397	Pass
2.100	2.100	0.008	0.397	Pass
2.104	2.104	0.008	0.397	Pass
2.108	2.108	0.008	0.397	Pass
2.112	2.112	0.008	0.397	Pass
2.116	2.116	0.008	0.397	Pass
2.120	2.120	0.008	0.397	Pass
2.124	2.124	0.008	0.397	Pass
2.128	2.128	0.008	0.397	Pass
2.132	2.132	0.008	0.397	Pass
2.136	2.136	0.008	0.397	Pass
2.140	2.140	0.008	0.397	Pass
2.144	2.144	0.008	0.397	Pass
2.148	2.148	0.008	0.397	Pass
2.152	2.152	0.008	0.397	Pass
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2.880	2.880	0.008		

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Quality Solutions



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