

Liquid Handling

RAININ
Pipetting 360°



Quality
Performance
Purity

Ergonomic Pipettes
LTS LiteTouch System
BioClean Ultra Tips
Pipette Management
Good Pipetting Practice
Global Service Network



Pipettes, Tips and Service

Your Partner for Results You Can Trust

METTLER TOLEDO

Why Rainin?

Quality, Performance and Purity!

Professional labs around the world rely on Rainin for their liquid-handling protocols.

Whether your goal is to be first to market or first to publish, the accuracy, precision and ergonomics of your equipment can hugely help – or hinder – your success. Choose Rainin!



Quality

From rugged construction and innovative features to exceptional comfort and ergonomic design, Rainin quality is recognized worldwide.

Performance

Rainin pipettes are renowned for precision and accuracy. Rainin multichannels offer industry-leading channel-to-channel consistency.

Purity

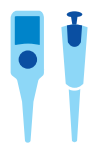
BioClean Ultra is the industry's most comprehensive standard for tip purity. We test every lot and guarantee every tip for purity and performance.

- ▶ There's a reason Rainin multichannel pipettes outperform all other multichannels worldwide – exceptional comfort and handling, and industry leading channel-to-channel consistency.



Innovation

For more than 40 years, Rainin has been advancing the art of liquid handling.



Pipettes

Rainin pipettes offer exceptional performance, comfort and durability.



Tips

The Rainin LifeTouch System dramatically reduces the amount of force required to load and eject tips.



Service

We offer a global network of factory-trained technicians.



Good Pipetting Practice

Free assessment tools and onsite training to build your team's pipetting skills.



Pipette Management

Our EasyDirect pipette management software puts robust pipette tracking and SOP compliance at your fingertips.



Mettler Toledo

METTLER TOLEDO is the global leader in precision instruments across many industries.



BioClean Ultra

From pure virgin polypropylene and precision engineering to meticulously-clean manufacturing, Rainin tips deliver outstanding quality and performance.

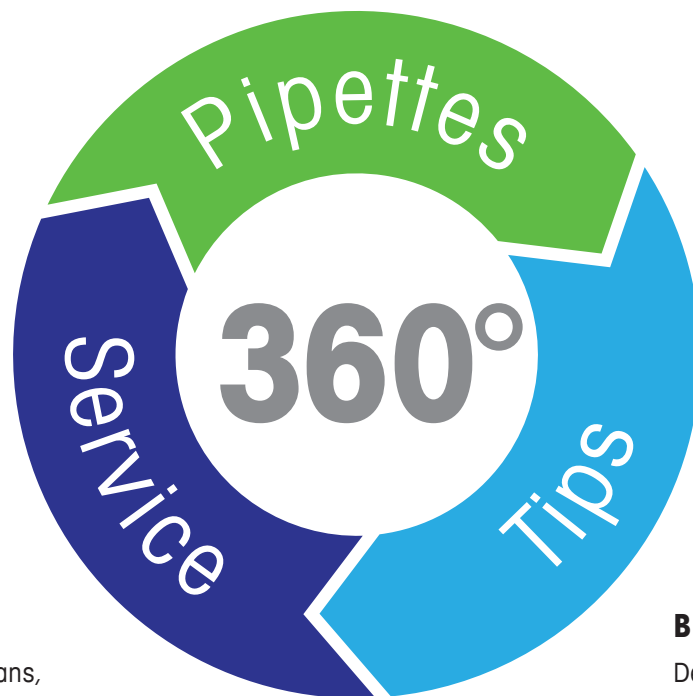
Pipetting 360°

Pipettes, Tips and Service from the Leading Solutions Provider

Maximize the performance of your Rainin pipettes and the reliability of your results when you use BioClean Ultra™ tips and Rainin Service by METTLER TOLEDO.

Precision Pipettes

In addition to offering the widest selection of volume ranges, Rainin pipettes incorporate ergonomic features, including LTS™ – our highly acclaimed LiteTouch™ System.



Superior Service

Factory-trained technicians, ISO accredited facilities and the most advanced METTLER TOLEDO balances are just a few of the reasons to choose Rainin Service by METTLER TOLEDO for pipette calibration and repair.

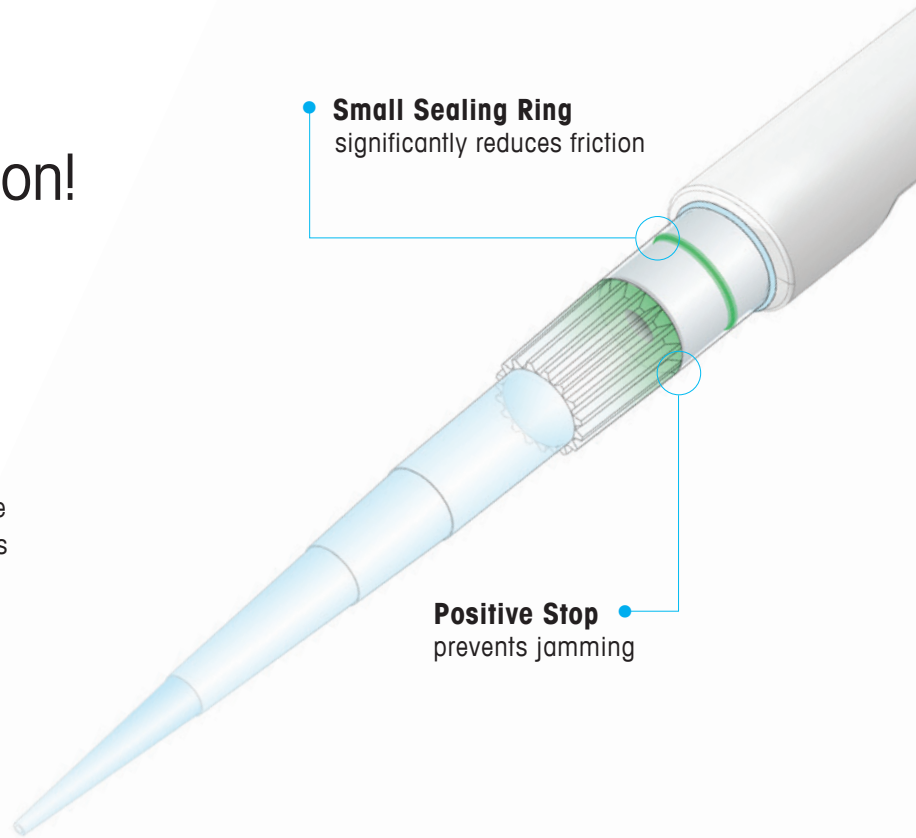
BioClean Ultra Tips

Designed and engineered for Rainin pipettes and manufactured in a Class 100,000 clean room facility, BioClean Ultra tips are guaranteed to deliver flawless, contamination-free performance.

LTS – Innovation in Action!

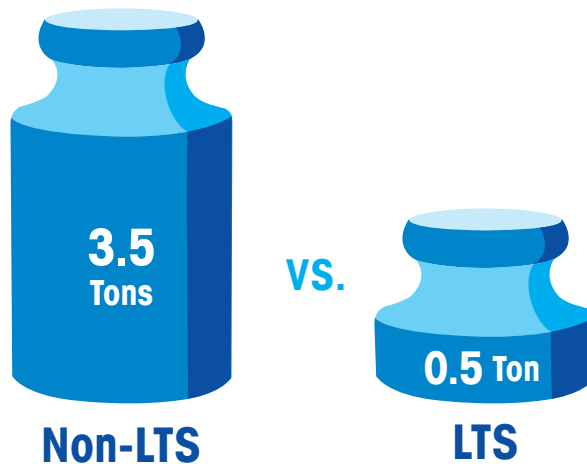
- **Less force**
- **Less fatigue**
- **Better results**

Rainin was the first manufacturer to reshape pipette bodies, add thumb hooks and redesign its plungers to make the instruments more ergonomic. But our most dramatic contribution to liquid handling ergonomics is LTS, the patented LifeTouch System.



Why Force Matters

Over the course of a month, a typical pipette user's thumb exerts roughly 3.5 tons of force ejecting tips. Switching that user to a Rainin pipette with LTS would reduce thumb force by a factor of 7!



Less Fatigue

LTS-equipped pipettes reduce fatigue and allow you to concentrate on your work and pipetting technique.



► Learn more about ergonomic pipetting at www.mt.com/LTS

The Ultimate Lab Assistants

Precision, Accuracy and Extraordinary Comfort

With exceptional accuracy and repeatability, Rainin pipettes enhance a lab's performance, shortening time-to-market or being first-to-publish.

In addition to our XLS+™ line of premium manual and electronic pipettes, Rainin offers instruments to speed workflows and handle challenging liquids with accuracy and precision.



Multichannels

- Superior channel-to-channel consistency
- Low tip ejection forces
- No o-rings



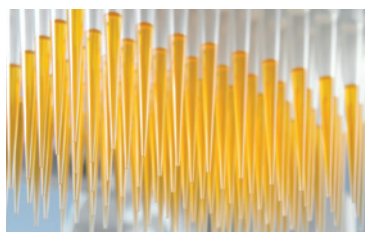
Adjustable Spacer

- Transfer samples between plates and tubes in a single step
- Ideal for genomic, proteomic, tissue and cell culture applications
- Continuously variable spacing



Pos-D Positive Displacement Pipettes

- Higher accuracy for dense, viscous and volatile liquids
- Eliminates the risk of aerosol contamination
- Capillaries pistons come pre-assembled in racks



BenchSmart 96

- Semi-automated 96/384-well pipetting!
- Touchscreen control
- Four trays – small footprint

► See the full Rainin product portfolio at www.mt.com/rainin

XLS+ – The Pipetting Champions!



RFID for state-of-the-art tracking and asset management.

Feature rich, with a revolutionary approach to navigation, the E4™ XLS+ offers simplicity without compromise.



Contoured bodies, even balance and legendary Rainin precision and accuracy.

Exceptional comfort and handling, and industry-leading channel-to-channel consistency.

More Reasons to Choose Rainin Pipettes:

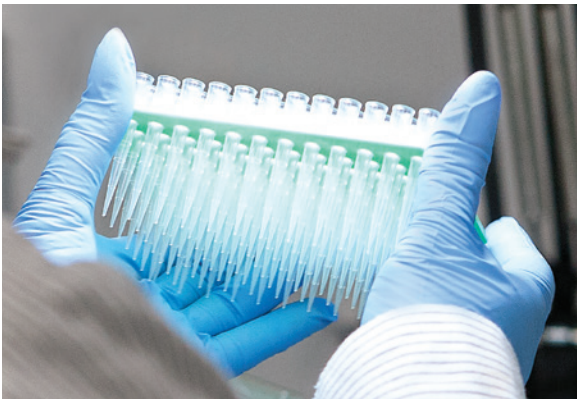
- Quality materials
- Rugged construction
- Lowest out-of-tolerance errors
- Lowest cost of ownership
- Rigorous testing and inspection
- ISO 9001-certified manufacturing
- ISO 17025-certified calibration

BioClean Ultra

The Gold Standard for Tip Purity and Performance

Rainin carefully tests and certifies each batch of BioClean Ultra™ pipette tips, so researchers can have absolute confidence in the integrity of their experiments and the fidelity of their data.

BioClean Ultra™



Guaranteed Purity

- The industry's most comprehensive testing protocol.
- The only tips certified to be both protein- and protease-free.
- Virgin polypropylene – completely inert, with no bioactive components.



Clean Manufacturing and Packaging

- Manufactured under Class 100,000 clean room conditions.
- Fully automated material handling – zero human contact.
- Strict conformance to ISO 9001 eliminates all external sources of contamination.

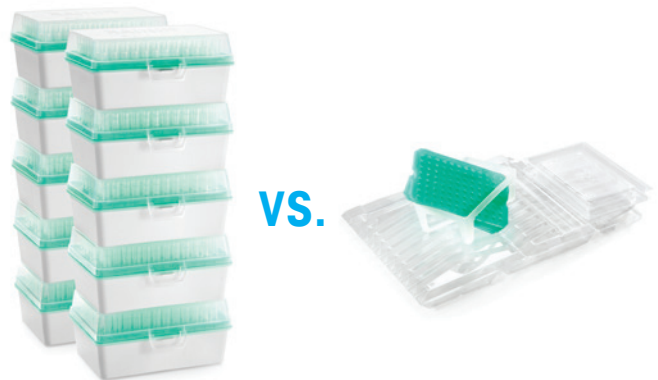
► Learn more about BioClean Ultra at www.mt.com/BioCleanUltra

Greener Packaging – Less Waste, More Space!

Rainin offers a number of packaging options to minimize plastic waste and create more space in the lab.

Green-Pak™ and SpaceSaver™

Every Rainin hinged-lid rack can be reused 100s of times. Single-use Green-Pak refills reduce plastic waste by 75%. And super compact SpaceSaver reduces plastic waste by more than 85%.



TerraRack – it's eco-logical!

TerraRack is made from PET, which is super strong, yet lightweight and the easiest of all plastics to recycle. An average pipette user who switches to TerraRack saves the equivalent of > 600 PET bottles (50 cl) each year – and used TerraRacks are likely be recycled into water bottles!



- Individually wrapped
- > 50% less weight
- > 50% less waste
- 100% Recyclable



Save > 600 bottles per year!

Trust the Service Experts

Minimize Risk and Maximize Reproducibility

The **METTLER TOLEDO** difference: controlled laboratory environments and manufacturer authorized spare parts, certified pipette technicians and specialized calibration software.



Americas



Uptime

Our global network of factory-trained technicians and ISO/IEC 17025 certified service labs enables us to respond quickly to all repair and calibration needs.



Performance

Environmentally controlled labs and original manufacturer spare parts ensure that instruments are always returned to the highest accuracy and precision.



Compliance

With specialized calibration software and ISO/IEC 17025 accredited labs, METTLER TOLEDO is a partner you can trust to help maintain ISO 8655 and FDA 21 CFR part 11 standards.



Expertise

Our certified pipette service technicians perform more than 10 million readings each year, giving us extraordinary data analytics for understanding how all brands of pipettes perform over time.

► Request Rainin Service today! www.mt.com/Pipette-Service



Europe



Asia

● Mettler Toledo Sales and Service

METTLER TOLEDO operates the world's most extensive network of ISO/IEC 17025 accredited pipette calibration laboratories.

Comprehensive offering

- Calibration
- Preventive maintenance
- Service repair
- Calibration certificates

Global network

With a global network of ISO/IEC 17025 accredited laboratories and one of the largest factory-trained support and service forces, we can provide you with application support and technical assistance anytime, anywhere.

Simplify Pipette Management

With EasyDirect, You're in Control

With EasyDirect™ Pipette Asset Manager and SmartStand, you have a powerful pipette tracking and calibration management system. Using the RFID chip embedded in every Rainin XLS-brand pipette, EasyDirect tracks every pipette's usage, location and service data automatically.



Track

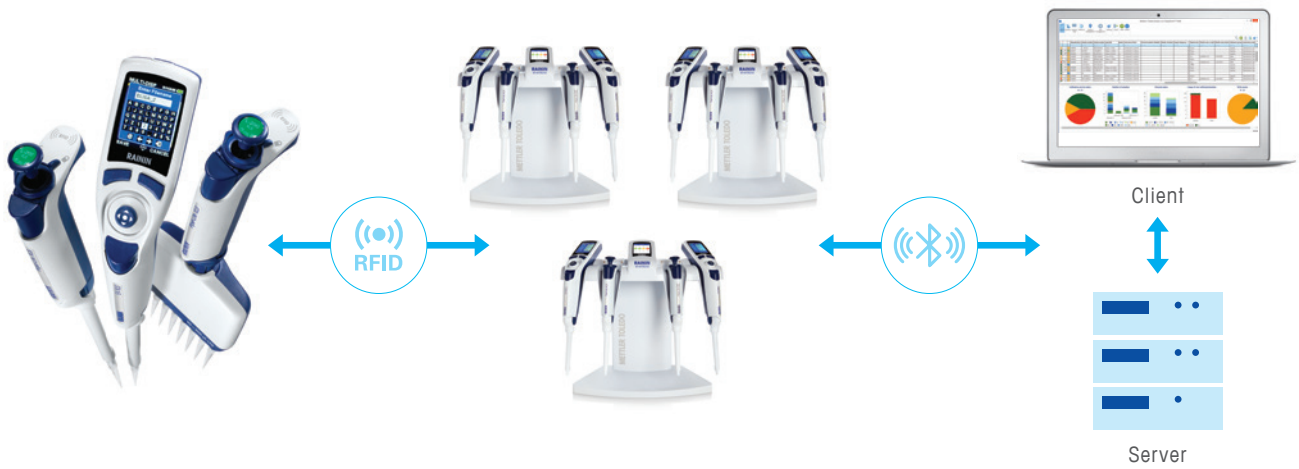
EasyDirect tells you how often pipettes are used, where they belong and to whom they've been assigned.

Manage

Whether you manage 100, 1,000, 5,000 pipettes or more, EasyDirect automates, organizes and delivers the information you need.

Simplify

Imagine... no more relying on serial numbers, managing barcodes or applying labels.



Rainin XLS+ Pipettes

Place any Rainin XLS/XLS+ pipette on a SmartStand to instantly see the pipette's calibration status and service details right at the bench.

Multiple SmartStands

Connect SmartStand to EasyDirect via Bluetooth or USB drive to automatically transfer serial numbers, service and other data to the EasyDirect database.

EasyDirect

Maintain a complete history of your entire pipette inventory, making it easy to track status, location, calibration and service schedule for any pipette.



Place a pipette on SmartStand and instantly know:

- Compliance status
- Service data
- ID numbers
- Battery level (E4 XLS)

► Simplify your pipette management! www.mt.com/EasyDirectPAM

Good Pipetting Practice

Better Results through Better Understanding

The performance of any instrument is improved in the hands of a skilled operator. Through GPP™, labs can reduce errors and improve the reliability and repeatability of their results. The key: better understanding the factors that affect experiments and learning application-specific techniques.

You can improve data quality with Good Pipetting Practice™ – METTLER TOLEDO's comprehensive, systematic approach to maximizing pipetting accuracy and repeatability.

Routine Operation

Care for pipettes in the lab and know when to send pipettes for service.

Calibration

Recognize the risks associated with out-of-calibration pipettes and learn how using Quick Check can help assess a pipette's accuracy between calibrations.

Training

Optimize workflows and improve outcomes with application-specific pipetting techniques. Also, learn how to minimize pipetting discomfort and injury through better ergonomics.

Evaluation

Evaluate the variables, tolerances and other aspects of your application.

Selection

Maximize your potential to produce accurate and reproducible data by selecting the right tools for a specific application.



► See how much GPP has to offer at www.mt.com/gpp

METTLER TOLEDO

A Trusted Brand with Global Reach and Amazing Solutions

Rainin is part of METTLER TOLEDO, one of the world's most trusted manufacturers of precision weighing and measuring instruments. We maintain a global sales and service network to provide you with superior solutions and amazing support.

Only the Best!

MT balances are widely considered to be the world's finest. That's why, worldwide, when you order Rainin service from METTLER TOLEDO, you know that you are receiving best-in-class calibration and maintenance.



40

Market Organizations



140+

Countries Served



15,400

Employees



7,600

Sales & Service Representatives

Feel the Difference

Rainin LiteTouch System



Rainin pipettes equipped with the revolutionary LTS™ LiteTouch™ System reduce tip ejection force by as much as 85%. With LTS, tips load easily, seal perfectly and eject with almost no effort.

Pipette with the best – Rainin pipettes, tips and service.

Why choose Rainin?

- Exceptional quality – pipettes, tips and service.
- Superior performance – Rainin pipettes and tips are a system that is designed to work together.
- BioClean Ultra – the industry's most comprehensive tip purity standard.



► Learn more about Ergonomic Pipetting at www.mt.com/LTS

www.mt.com/rainin

For more information

METTLER TOLEDO Group

Laboratory Division

Local contact: www.mt.com/contacts

Subject to technical changes

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