

Good Pipetting Practice



GPP – Improve data consistency

Risk based

Systematic, lab specific

Gain efficiencies

Minimize Risk, Maximize Repeatability

Improve the Quality of Your Data

METTLER TOLEDO

Minimize workflow-related risks

Boost data accuracy and reproducibility

Improve your data quality with Good Pipetting Practice – Rainin's comprehensive, systematic approach to maximizing pipetting accuracy and repeatability. Organized into five major components, GPP is grounded in Rainin's more than 40 years of expertise working side-by-side with researchers to achieve the highest levels of accuracy and precision across all applications. Apply the principles of GPP in your lab and everyone on your team will:

- Understand the array of liquid handling instruments and options available
- Know how to optimize their workflow for each of the liquid handling steps involved
- Gain the range of pipetting skills necessary to produce reliable data
- Appreciate how ergonomics can influence data production and their own well being
- Recognize the risk associated with out-of-calibration pipettes and the role of routine checks vs. professional service.

Evaluation



Determine your needs

Understanding your options is the first step toward achieving more reproducible results. A clear idea of your desired workflow and the level of accuracy and precision required will speed your evaluation of applicable tools and technologies.

Selection



Get the right tools

The characteristics of liquids you're measuring can profoundly affect a pipette's performance. Your time and materials are expensive, so making sure that pipettes, tips and related tools are the most appropriate for your application will save money and increase productivity.

Installation & Training



Assure proper use

An optimized pipetting system is only as good as the people who use it. Good technique and knowing which techniques to use for various liquids affects precision, accuracy and the repeatability of your results.



Calibration



Calibration certification

Precision pipettes should come with a calibration certificate when purchased, then put on a schedule for regular calibration, based on use. Try our online Risk Check to better understand your risks how to mitigate them.

Routine Operation



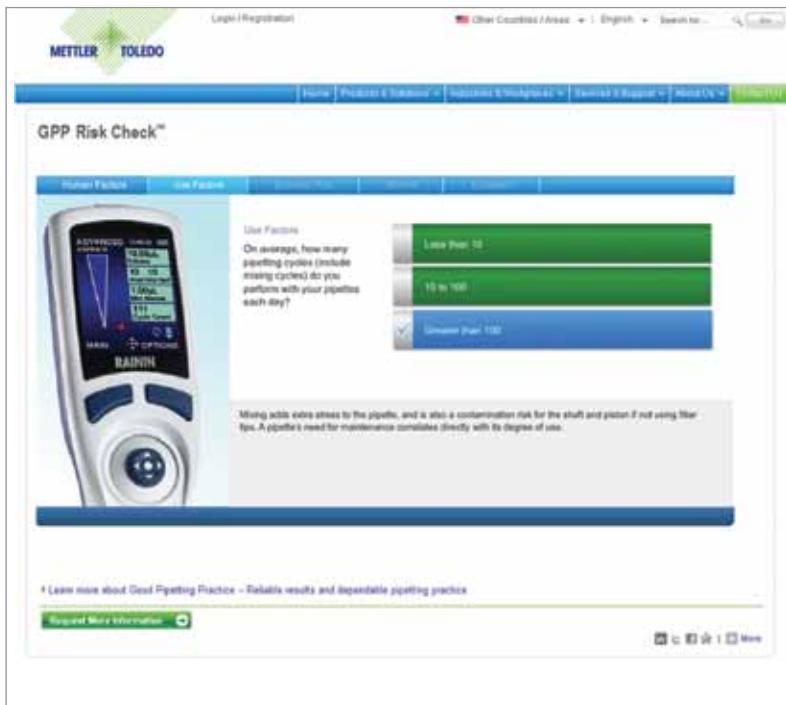
Verification and service

Well maintained pipettes, periodic verification and a system for assuring that every pipette in your lab receives regular service is essential to maintaining a high performance environment.



What's your pipetting risk?

Good Pipetting Practice is a comprehensive, customized program for determining your specific pipetting risks and understanding how to mitigate them. Our GPP Risk Check™ is a great way to get started – take just 5 minutes and you will receive an assessment of your pipetting risks and recommendations for minimizing them.



Less than 10

10 to 100

More than 100

Using acidic reagents adds extra stress to the pipette, and is also a contamination risk for the shaft and piston if not using filter tips. A pipette's need for maintenance correlates directly with its degree of use.

Request More Information

www.mt.com/gpp

For more information

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PB-239 (A4) Printed in USA
MarCom Rainin