

# Routine Pipette Testing



## RFID Pipette Testing

Fast

Simple

Fully compliant

## RFID Pipette Testing Simple and Secure

METTLER TOLEDO

# RFID Pipette Testing

## Simple and Secure

The innovative EasyScan™ RFID reader incorporated in XPE and XSE analytical balances dramatically simplifies the routine testing of pipettes and helps ensure compliance with all relevant pipette testing regulations.

Testing information is quickly and easily transferred between the balance and RFID tagged pipettes, with the balance application recording all weight values and performing all calculations automatically.

EasyScan is fully compatible with RAININ RFID embedded pipettes or simply affix a METTLER TOLEDO RFID Smart Tag label to any brand of pipette.



### Take the worries out of pipette testing:



#### Evaporation error?

- Evaporation is one of the largest error sources
- Pipettes 50µl or below must use an evaporation trap (ISO 8655)
- Evaporation traps reduce moisture loss by up to 59 times



#### Correct process?

- How often?
- Which volumes?
- Number of repetitions?



#### Calculation mistakes?

- Manual transcription is error prone
- Have you calculated the z-factor correctly?
- Is the water density value right?



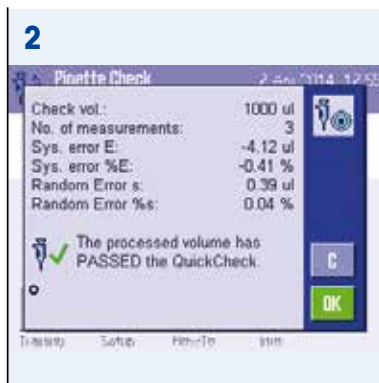
**User Training Program:** If you have a critical volume to pipette, a new user that needs training, or just need to learn how to pipette reproducibly and accurately, simply launch the training program directly from the home screen of the analytical balance.

## Routine pipette testing – under control with RFID



### Scan pipette

- Hold your RFID tagged pipette against EasyScan
- See the next test date on the balance
- If a test is due, start by pressing the icon on the balance



### Automatic calculations

- Step-by-step guidance is provided
- Input water and air temperature
- Balance performs all calculations automatically
- Pass/fail displayed onscreen



### RFID updated

- SOP followed precisely
- New test date is written back to the RFID
- Start pipetting



### See for yourself

Watch the video to see the EasyScan workflow in action

► [www.mt.com/xpe-analytical](http://www.mt.com/xpe-analytical)



### Need an in-house professional solution?

For fast and cost-efficient calibration of your single and multi-channel pipettes, choose a dedicated solution from METTLER TOLEDO. Our range of dedicated pipette calibration workstations, powered by fully validated Calibry software, are fully ISO8655 compliant.

► [www.mt.com/pipcal](http://www.mt.com/pipcal)



### Improve your data quality

METTLER TOLEDO's Good Pipetting Practice™ (GPP™) offers a comprehensive, systematic approach to maximizing pipetting accuracy and repeatability.

► [www.mt.com/rainin](http://www.mt.com/rainin)



Part	Evaporation trap	Evaporation Trap Large	EasyScan	Smart Tags
<b>Balances</b>	XPE / XSE / XP / XS	XPE / XSE / XP / XS	XPE / XSE only	XPE / XSE only
<b>Info</b>	6 or 20ml capacity For $\geq 10\mu\text{l}$ pipettes	100ml capacity For $\geq 10\mu\text{l}$ pipettes	RFID accessory for data reading and writing via RFID	50 RFID labels for use with EasyScan, water and solvent resistant
<b>Order No.</b>	11140043	11138440	30078900	30101517

[www.mt.com/xpe-analytical](http://www.mt.com/xpe-analytical)

For more information

**Mettler-Toledo AG**  
 Laboratory & Weighing Technologies  
 CH-8606 Greifensee  
 Switzerland  
 Tel. +41 44 944 22 11  
 Fax +41 44 944 30 60



Subject to technical changes  
 © 05/2014 Mettler-Toledo AG  
 Printed in Switzerland 30207740  
 Global MarCom Switzerland