# Next Generation Pipette Management

## Now, Every Pipette Has a Story to Tell



**RFID technology is revolutionizing how laboratories track equipment and Rainin is the first pipette manufacturer to offer a comprehensive pipette management solution: RFID-embedded pipettes, RFID scanner and pipette management software.**

RFID is "Radio Frequency IDentification" and with nothing more than Rainin's RFID reader and LabX™ Direct Pipette-Scan™ software, you can enhance how your lab manages pipettes. Rainin's pipette management solution is easy to use and highly adaptable to your workflow.

- Scan a pipette's stored data (calibration and service, for example) by placing the pipette on the RFID reader
- Create custom profiles for each pipette and transfer that data directly to the pipette's RFID tag
- Integrate your LabX data with third-party asset- and calibration-management applications (LabX data exports easily as Microsoft® Excel®, Word® or text files)

**METTLER TOLEDO**

# RFID Reader and LabX™ Software
## Pipette management simplified

**When was this pipette calibrated?**
**Is it due for service?**
**Who does it belong to?**
**What application is it being used for?**

Transform your workflow with Rainin's Pipet-Lite® XLS family of RFID-equipped pipettes. In seconds, everything you want to know about a pipette can be displayed on a PC screen. With seemingly endless possibilities, Rainin's RFID reader and LabX™ Direct Pipette-Scan™ software are all you need to communicate with any Pipet-Lite XLS.

With its speed and ease, Rainin's RFID solution to better asset management will complement your workflow and instill confidence in your lab's compliance with SOPs and Regulatory Agencies.

Your entire LabX database is exportable to Microsoft Word, Excel or text format. With such flexibility, LabX data is accessible for spreadsheet and reports, and can be integrated with most any asset management system.

**Scan your pipette**
LabX uses the RFID reader to access the pipette's data. Once scanned, LabX displays the pipette's complete profile, including its serial number, manufacture and calibration due date, and any unique attributes assigned.

**Create custom profiles**
Assign unique attributes (user, lab, inventory number, etc.) using LabX's 12 customizable data fields. Fast access to each pipette's calibration and service data reduces the possibility of performance and/or compliance-related rework.

**Export your data**
LabX data easily exports to Microsoft Word and Excel, or as text for easy integration with other asset management applications.

## LabX™ direct Pipette-Scan™

### Pipette Data

Read factory data from pipette and read/write user defined data.

**Factory Data**

| | | | |
|---|---|---|---|
| RFID UID: | 7D87DDC2 | Factory Date: | 5/20/2010 |
| Model Number: | L8-300XLS | Last Service: | 5/20/2010 |
| Serial Number: | ENGR00014 | Next Service: | 5/20/2010 |

**1**

**User Data**

☑ **Write when a pipette is detected**

| | Data in pipette: | Data to write: | | Data in pipette: | Data to write: |
|---|---|---|---|---|---|
| Next Calibration : | | 9/2/2010 | Custom Field 7 : | | |
| Next Quick Check : | | 9/2/2010 | Custom Field 8 : | | |
| User ID : | | jsmith | Custom Field 9 : | | |
| Lab ID : | | QC 2 | Custom Field 10 : | | |
| Workflow : | | Protein Therapeutic | Custom Field 11 : | | |
| Application 1 : | | SOP 7 | Custom Field 12 : | | |

**2**     **3**

Transfer To :    Rainin_DefaultLayout1

## LabX

**Another Rainin innovation**

In addition to delivering consistent, accurate results, RFID tags on the Pipet-Lite XLS help you manage calibration data and workflow to optimize your efficiency. A first in a pipette!

**Highly flexible, yet easy to use**

- Factory Data – Model Number, Serial Number and Date (Last Service) – is secure and cannot be changed.
- User Data is customizable. The first two fields – Next Calibration and Next Quick Check – are standard, but all others are not.
- Custom Data Fields can all be renamed.

**Ordering Information**

| Cat. No. | MT-Order-No. | Description |
|---|---|---|
| RFID-KIT | | Rainin RFID Kit includes RFID Reader and LabX Direct Pipette-Scan software |
| RFID-RDR | | Rainin RFID Reader |
| LabX-PIPET | | LabX Direct Pipette-Scan Software |

| | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RFID | Model Number | Serial Number | Factory Date | Last Service | Next Service | Next Calibration | Next Quick Check | User ID | Lab ID | Principal Investigator | Workflow |
| 2 | 7344CE51 | L-10XLS | G1026919T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 56745673 | 2 | Dr.Jones | Genomics |
| 3 | 7258DM91 | SL-100XLS | H1783549T | 8/21/2010 | 8/21/2010 | 8/21/2011 | 9/23/2010 | 12/3/2010 | 3465335 | 4 | Dr.Anderson | Proteomic |
| 4 | 2325PE52 | L-1000XLS | G1285947T | 7/29/2010 | 7/29/2010 | 7/29/2011 | 9/23/2010 | 12/3/2010 | 2345 | 3 | Dr.Johnson | Forensics |
| 5 | 4564EC15 | L8-50XLS | H1385937T | 8/26/2010 | 8/26/2010 | 8/26/2011 | 9/23/2010 | 12/3/2010 | 785678 | 1 | Dr.Gladwell | Pharma |
| 6 | 5637HJ74 | SL-5000XLS | G1284957T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 963433 | 2 | Dr.Craner | Biotech |
| 7 | 7324CE51 | L-100XLS | G1026919T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 56745673 | 2 | Dr.Jones | Genomics |
| 8 | 6258JM91 | L-100XLS | H1783549T | 8/21/2010 | 8/21/2010 | 8/21/2011 | 9/23/2010 | 12/3/2010 | 3465335 | 4 | Dr.Anderson | Proteomic |
| 9 | 1325PE52 | SL-1000XLS | G1285947T | 7/29/2010 | 7/29/2010 | 7/29/2011 | 9/23/2010 | 12/3/2010 | 2345 | 3 | Dr.Johnson | Forensics |
| 10 | 4564EC15 | L8-50XLS | H1385937T | 8/26/2010 | 8/26/2010 | 8/26/2011 | 9/23/2010 | 12/3/2010 | 785678 | 1 | Dr.Gladwell | Pharma |
| 11 | 5637HJ74 | SL-5000XLS | G1284957T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 963433 | 2 | Dr.Craner | Biotech |
| 12 | 7344CE51 | L-10XLS | G1026919T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 56745673 | 2 | Dr.Jones | Genomics |
| 13 | 7258DM91 | SL-100XLS | H1783549T | 8/21/2010 | 8/21/2010 | 8/21/2011 | 9/23/2010 | 12/3/2010 | 3465335 | 4 | Dr.Anderson | Proteomic |
| 14 | 2325PE52 | L-1000XLS | G1285947T | 7/29/2010 | 7/29/2010 | 7/29/2011 | 9/23/2010 | 12/3/2010 | 2345 | 3 | Dr.Johnson | Forensics |
| 15 | 4564EC15 | L8-50XLS | H1385937T | 8/26/2010 | 8/26/2010 | 8/26/2011 | 9/23/2010 | 12/3/2010 | 785678 | 1 | Dr.Gladwell | Pharma |
| 16 | 5637HJ74 | SL-5000XLS | G1284957T | 7/21/2010 | 7/21/2010 | 7/21/2011 | 9/23/2010 | 12/3/2010 | 963433 | 2 | Dr.Craner | Biotech |

LabX data exports easily as Microsoft Excel, Word or a text file.
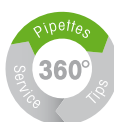
## Transform your workflow

- Quickly check your RFID-equipped pipette for:
  - Calibration date, service date, model and serial numbers
  - Any custom data you choose
- 12 customizable fields provide maximum flexibility
- Default "Read only" mode prevents pipette data from being overwritten
- Service calibration data is always protected
- Export data to Microsoft Excel and Word, or as a text file
- Upload data to third party calibration/asset management system

## Other features

- Supported languages: Chinese, Czech, Danish, English, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Russian, Spanish, Swedish
- Compatible with Microsoft Windows XP/Vista/7

**Technical Specifications**

| | |
|---|---|
| RFID Reader Read/Write Operating Range | Up to 5 cm from Pipette's RFID tag |
| Interface | USB-HID |
| Compatibility | PC Only (Windows Native USB) |
| Operating (Ambient) Temperature | -10° to 55° C |
| Footprint | 8 cm x 8 cm |
| Media | 3" CD-ROM |

Rainin Instrument, LLC
7500 Edgewater Drive
Oakland, CA 94621

**www.rainin.com**

For more information

Specifications subject to change
© 2010 Rainin Instrument, LLC
Printed in USA
PB-221 Rev A 9/10
♻ Printed on FSC-certified paper.