



**BOOK NOW**  
Limited Spaces Available!

# Pipette Training Course

at our **MILTON KEYNES LABORATORY**

**10am-4pm, Weds 18 July 2018**

## Fundamentals of Dispensing INTRODUCTORY LEVEL

The introductory course is specifically designed for those involved in everyday pipetting such as lab technicians, PhD students or scientific officers, and covers:

- Fundamentals of dispensing
- Pipetting techniques
- Forward and reverse pipetting
- Physical influences on dispensed volume
- Pipette ergonomics and general PhysioCare concepts including RSI
- Understanding the importance of good pipetting techniques and the effects it can have on assays
- Practical, hands-on session to support the key learning objectives



### BENEFITS OF ATTENDING A STARLAB PIPETTE TRAINING COURSE

- **EXPERTISE!** The course has been developed by liquid handling specialists who are experts in the field
- **UNDERSTANDING!** Develop a deeper understanding of pipetting and how technique can effect results
- **CONFIDENCE!** Gain full confidence that your daily work is providing accurate and consistent results
- **ON-GOING REMOTE SUPPORT** from our Account Managers or team of servicing technicians – available free of charge
- **FOUR CPD POINTS!**
- **FREE SINGLE-CHANNEL ErgoOne® PIPETTE!**

**ONLY**  
**£300**  
**PER PERSON!**

**INCL. REFRESHMENTS  
AND BUFFET LUNCH.**  
SEE OVER FOR  
MORE DETAILS...

# Introductory Training Course

**10am - 4pm, Weds 18 July 2018**  
STARLAB Laboratory, Milton Keynes

STARLAB UK is a UKAS accredited laboratory (4296) and is the largest pipette servicing and calibration outfit in the UK. Our CPD accredited Pipette Training sessions are designed to be interactive and include a hands-on practical. We will even give you a brand new ErgoOne® pipette for the training session, that you can keep and take away with you!



## WHY IS TRAINING IMPORTANT?

Like most common repetitive tasks, pipetting is often taken for granted. Thus, it is important to understand the steps that you can take to improve pipetting skills.

It is also helpful to evaluate common pipetting errors that can contribute to volume variation – all of which can be avoided with proper training.

Additionally, quality systems such as ISO 15189 have requirements for qualifications, training and competence. This is particularly important with pipettes because the pipetting technique used, as well as the handling, storage and maintenance of the pipette itself, can have a major impact on its continued accuracy and precision.

## FUNDAMENTALS OF DISPENSING INTRODUCTORY LEVEL

IBMS / CPD Code: MD035N16

The following topics will be covered:

- Fundamentals of dispensing
- Pipetting techniques
- Forward and reverse pipetting
- Physical influences on dispensed volume
- Pipette ergonomics and general PhysioCare concepts including RSI
- Understanding the importance of good pipetting techniques and the effects it can have on assays
- Practical to support the key learning objectives

## TRAINING SESSIONS INCLUDE

### PRESENTATION



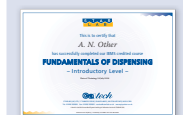
### PRACTICAL



### HANDOUTS



### CERTIFICATE



### CPD POINTS

4

### FREE PIPETTE



Refreshments will be served throughout the day, and a buffet lunch will also be provided.

For more information or to book your place on this training course, please contact:

**SELINA GILL**

Sales & Marketing Support Specialist

T: 01908 283845

E: [Selina.Gill@starlab.co.uk](mailto:Selina.Gill@starlab.co.uk)



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**BOOK NOW**  
Limited Spaces Available!

# Pipette Training Course

at our **MILTON KEYNES LABORATORY**

**10am-4pm, Weds 24 October 2018**

## Fundamentals of Dispensing INTERMEDIATE LEVEL

The intermediate course is Ideal for **lab technicians, scientific officers and laboratory managers**, and covers:

- Review of the fundamentals of dispensing
- Cleaning and inspection of pipettes
- Common pipette fault-finding issues
- Demonstration of the effects that bad pipetting techniques can have on assays and results
- Performance / calibration check of a pipette
- Understanding the equipment needed for accurate calibration checks
- Understanding the terms 'Accuracy', 'Precision' and 'Uncertainty' to be able to interpret the results of a calibration certificate
- Practical to support the key learning objectives



### BENEFITS OF ATTENDING A STARLAB PIPETTE TRAINING COURSE

- **EXPERTISE!** The course has been developed by liquid handling specialists who are experts in the field
- **UNDERSTANDING!** Develop a deeper understanding of pipetting and how technique can effect results
- **CONFIDENCE!** Gain full confidence that your daily work is providing accurate and consistent results
- **ON-GOING REMOTE SUPPORT** from our Account Managers or team of servicing technicians – available free of charge
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**PER PERSON!**

**INCL. REFRESHMENTS  
AND BUFFET LUNCH.**  
SEE OVER FOR  
MORE DETAILS...

# Intermediate Training Course

10am - 4pm, Weds 24 October 2018  
STARLAB Laboratory, Milton Keynes

STARLAB UK is a UKAS accredited laboratory (4296) and is the largest pipette servicing and calibration outfit in the UK. Our CPD accredited Pipette Training sessions are designed to be interactive and include a hands-on practical. We will even give you a brand new ErgoOne® pipette for the training session, that you can keep and take away with you!



## WHY IS TRAINING IMPORTANT?

Like most common repetitive tasks, pipetting is often taken for granted. Thus, it is important to understand the steps that you can take to improve pipetting skills.

It is also helpful to evaluate common pipetting errors that can contribute to volume variation – all of which can be avoided with proper training.

Additionally, quality systems such as ISO 15189 have requirements for qualifications, training and competence. This is particularly important with pipettes because the pipetting technique used, as well as the handling, storage and maintenance of the pipette itself, can have a major impact on its continued accuracy and precision.

## FUNDAMENTALS OF DISPENSING INTERMEDIATE LEVEL

IBMS / CPD Code: MD036N16

The following topics will be covered:

- Review the fundamentals of dispensing
- Cleaning and inspection of pipettes
- Common pipette fault-finding issues
- Demonstration of the effects that bad pipetting techniques can have on assays and results
- Performance / calibration check of a pipette
- Understanding the equipment needed for accurate calibration checks
- Understanding the terms 'Accuracy', 'Precision' and 'Uncertainty' to be able to interpret the results of a calibration certificate
- Practical to support the key learning objectives

## TRAINING SESSIONS INCLUDE

### PRESENTATION



### PRACTICAL



### HANDOUTS



### CERTIFICATE



### CPD POINTS

4

### FREE PIPETTE



Refreshments will be served throughout the day, and a buffet lunch will also be provided.

For more information or to book your place on this training course, please contact:

**SELINA GILL**

Sales & Marketing Support Specialist

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