

MITUTOYO (MALAYSIA) SDN. BHD. (173863W)

TRAINING COURSES

To Train and Educate Today for the Needs of Tomorrow



Choosing Mitutoyo Malaysia

1/ Flexible Courses

Design to suit your schedule conveniently

2/ Certified Trainers

Well-certified by PSMB TTT (Train the Trainer) program

3/ HRDF Claimable

Course Fees are claimable under HRDF (Human Resources Development Fund).

Mitutoyo (Malaysia) Sdn. Bhd. is registered with PSMB (173863W).



Metrology Training Course

Course Type	Duration
Basic Geometric Dimensioning & Tolerancing <ul style="list-style-type: none"> Introduction What are datum, features, tolerance, and modifiers 	1 Day

Vision Product Software Training Courses

Course Type	Duration
QSPAK	2 Days
QVPAK	3 Days

QSPAK Course Content

Day 1

- Machine Control, light and stage motion
- Focusing
- Coordinate system alignment
- Edge detection tools
- Feature measurement I

Day 2

- Measurement with coordinate input
- Create tolerance
- Creating and executing a part program
- Feature measurement II

QVPAK Course Content

Day 1

- Setting up for measurement
- Moving control system
- Setting stage option
- Focusing, edge detection, drawing tools
- Type of coordinate system, alignment and measurement

Day 2

- Part program editor and file management
- Measurements between features
- Compute of distance and angle
- Using nominal, tolerance and datum fit

Day 3

- Align a PCS with rotation values, point offset
- QVNavigator window construction and operation page
- QVGraphics window configuration and view window
- Working with point buffers
- Step and repeat loop in part program



CMM Product Software Training Courses

Course Type	Duration
MCOSMOS GEOPAK-WIN CNC	4 Days



MCOSMOS GEOPAK-WIN Course Content

Day 1

- Basic Maintenance of CMM
- Introduction to GEOPAK-WIN
- Layout of Main Windows
- Program directory

Day 2

- Introduction to Learn Mode
- Probe Data Management
- Pattern for Alignment
- Element Commands
- Types of Calculation

Day 3

- Define Coordinate System by steps
- Types of Construction
- Compute of Distance and Angle
- Types of Coordinate System
- Element Commands and Tolerance
- Output of Data

Day 4

- CNC Parameter
- Automatic Element Commands
- Manual/ CNC Part Program

Form Product Software Training Courses

Course Type	Duration
ROUNDPAK	2 Days
FORMTRACEPAK • SURFTEST • CONTRACER	1 Day 2 Days

ROUNDPAK Course Content

Day 1

- Introduction to machine
- Calibration of styli
- Performing centering and levelling on workpiece
- Simple measurement
- Understanding of screen and printer outputs

Day 2

- Part programming
- Deleting data
- Partial rotations measurement
- Layout results screen

FORMTRACEPAK Course Content

Day 1

- Introduction to machine
- Operating the measuring instrument
- Customizing the FORMTRACEPAK operating conditions
- Establishing the coordinate system
- Executing calculation

Day 2

- Part program creation I
- Creating and saving measured data
- Printing the measurement result
- Calibration of measuring instrument
- Printing and editing the page layout



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We offer various metrology training courses, ranging from the Fundamentals of Precision Measurement to Coordinate Measuring Machine software. The courses are led by our industrial experienced, highly skilled trainers. Course contents are based on years of experience in offering solutions, advice and educational support to the industries in Dimensional Metrology Field.

Each training course is designed to equip trainees with theoretical knowledge, as well as extensive practical 'hands on' experience gained from our latest and comprehensive range of Mitutoyo equipment.

If you have any special requirements, just let us know, and we will customize a course to suit your needs. Special arrangements can be made for the training to be held in your own premises.

All trainees who successfully complete the course, will each receive a certificate that reflects the high standard of achievement obtained.

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