

MT9928 xm Machine Training

High Speed Gravity Handler



Course Description

This training material introduces the student to the MT9928 xm test handler. The training is offered in three levels from the perspective of an Operator, a Maintenance Technician and an Advanced Technician:

- Level 1 - Basic: Focused on basic operational procedures: loading/unloading parts, troubleshooting, and general equipment safety
- Level 2 - Intermediate: Maintenance focused course intended to get the student familiar with the product. Operational requirements, setup and alignment, device workflows, and mechanical/electrical diagnosis
- Level 3 - Advanced: Maintenance focused course intended to get the student familiar with the product. Complex mechanical/electrical diagnosis, motor tuning, setup and alignment

Course Outline

- Introduction and Process Overview
- Software
- Machine Platform
- Machine Input and Output
- Machine Modules
- Adjustments
- Q&A, Test, Wrap Up

Course Length

- Level 1: Basic - one day (six hours)
- Level 2: Intermediate - five days (forty hours)
- Level 3: Advanced - five days (forty hours)

Prerequisites

- Level 2: Level 1 training and a minimum of thirty days experience with the MT9928 xm test handler
- Level 3: Level 2 training and a minimum of six months experience with the MT9928 xm test handler

Recommended

- English - written and spoken



Automotive



Mobility



IoT/IoV & Optoelectronics



Computing & Network



Industrial & Medical



Consumer

- Full tri-temp range -55°C to +175°C
- Temperature accuracy $\pm 2^\circ\text{C}$
- Installed base >1,300
- Multiple MEMS stimuli available
- Modular and scalable base unit - engineering to HVM
- Contacting: standard, high frequency and Kelvin

MT9928 xm Machine Training

Level 1: Basic

Day 1

1 - General Operating Conditions

- Handler Status Information
- Handler Startup Procedure

2 - Q&A

- Q&A, Test, Wrap Up

Level 2: Intermediate

Day 1

1 - Introduction and Software

- Introduction of the Handler
- Software Overview
- Safety
- Human Machine Interface
- Conversion Kit

Day 2 -3

2 - Theory of Operations

- Theory of Operations
- Module Details Base Unit Unloader
- Module Details Sort Shuttle

3 - MT Parts and Instructions

- Parts and Instructions CD-Rom
- Electronic Hardware
- Theory of Operations - Handler/Tester communication

Day 4

4 - Temperature Regulation

- Temperature regulation
- HMI

Day 5

5 - Troubleshooting

- Software
- Troubleshooting

6 - Q&A

- Q&A, Test, Wrap Up

Level 3: Advanced

Day 1

1 - Introduction and Software

- Introduction
- Safety Regulations
- Repair

Day 2

2 - Module Exchange and Basic Alignments

- Module Exchange
- Basic Alignments

Day 3

3 - Preventive Maintenance

Day 4

4 - Software Operation

Day 5

5 - Temperature Calibration/Troubleshooting

6 - Q&A

- Q&A, Test, Wrap Up

Who Should Attend

- Level 1 : Operator
- Level 2: Maintenance Technician
- Level 3: Advanced Technician

Training Locations

- Level 1 - Basic: on-site customer class
- Level 2 - Intermediate: on-site customer class or Cohu training facility
- Level 3 - Advanced: on-site customer class or Cohu training facility

Customized classes and on-site customer classes are available to suit your training needs.

More Information/Registration

- Contact training@cohu.com

Training Course Catalog

- Visit our handler training catalog to view our other training offerings www.cohu.com/handler-training